

AD A 074658

USAFETAC/DS-79/032

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MYRTLE BEACH AFB SOUTH CAROLINA
N 33 41 W 078 56 FLD ELEV 35 FT KMYR

WEAN #13717
WMO #74791

PARTS A-F

POR FROM HOURLY OBS NOV 42-JUL 47, JAN 49 DEC 72
POR FROM DAILY OBS NOV 42-JUL 47, JAN 49-DEC 54,
NOV 56-DEC 72

JUL 03 1975

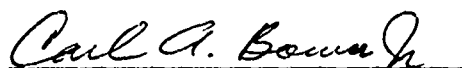
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CARL A. BOWER, JR.
Chief, Data Reference Section
Climatological Services Branch

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

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USAFETAC/DS-79/032

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Myrtle Beach AFB, Myrtle Beach, South Carolina It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM
1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percent frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* South Carolina

* Myrtle Beach AFB, SC

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13717	MYRTLE BEACH AFB SOUTH CAROLINA	N 33 41	W 078 56	35	KMYR	74791

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Myrtle Beach AAB S.C.	AAF	Nov 42	Jul 47	N 33 41	W 078 56	25	28	24
2	Myrtle Beach Caa S.C.	CAA	Jan 49	22 Nov 56	Same	Same	35	25	24
3	Myrtle Beach AFB S.C.	AFB	23 Nov 56	May 72	Same	Same	Same	Same	24
4	Same	Same	Jun 72	Dec 72	Same	Same	Same	Same	16 to 24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 42 to Jul 46	Located on the Base Operations Bldg	Selsyn	ML-144B	56 Ft	
2	Aug 46 to Jul 47	Same	Same	Same	55 Ft	
3	Jan 49 to 22 Nov 56	Located on the roof.	F420A	None	30 Ft	
4	23 Nov 56 to Feb 59	Located on top of Control Tower.	AN/GMQ-1	ML204	57 Ft	
5	Mar 59 to Feb 62	Located 3425 ft NNE of Station.	AN/GMQ-11	RO-2	10 Ft	
6	Mar 62 to Feb 63	Located 1675 ft N of Station, 850 ft W of centerline of Rwy 17/35.	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 63 to Feb 70	1. Same 2. Located 500 ft from S end of Rnwy 850 ft W of centerline.	AN/GMQ-11 Same	RO-2 --	10 Ft Same	
8	Mar 70 to Jun 71	1. Located 500 ft from end of Rnwy 17,575 ft W of centerline. 2. Located 750 ft from end of Rnwy 35,750 ft W of centerline.	Same Same	RO-362	Same Same	
9	Jul 71 to Dec 72	1. Same 2. Located 1075 ft from end of Rnwy 35,750 ft W of centerline.	AN/GMQ-20 Same	Same	Same Same	

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

42-47,49-72

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	9.6	.2	.2		10.0	18.4	13.0		.0	29.5	21409
FEB		.2	9.5	.1	.3		9.8	15.6	15.4		.0	28.2	19477
MAR		.5	9.1	.2	.1	.0	9.3	15.8	11.5		.2	25.2	21448
APR		.8	5.5				5.5	11.1	8.7		.2	18.4	20714
MAY		1.8	5.2				5.2	10.5	12.0		.1	20.6	21339
JUN		3.2	5.5				5.5	9.2	12.6		.0	19.5	20138
JUL		4.5	6.4				6.4	7.6	12.0			17.8	20490
AUG		3.4	6.3			.0	5.3	10.5	13.8			21.9	19969
SEP		1.4	6.9				6.9	12.0	13.9			23.2	19830
OCT		.3	5.8				5.8	14.1	12.8			24.1	20502
NOV		.2	5.2		.0		5.2	17.9	13.1			23.0	20558
DEC		.1	7.4	.0	.2		7.6	16.8	11.8			26.0	21256
TOTALS		1.4	6.9	.0	.1	.0	7.0	12.9	12.6		.0	23.0	247136

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.3	9.8	.1	.5		10.3	23.1	11.8		.0	31.4	2666
	03-05	.1	9.2	.3	.4		9.9	25.7	10.6		.1	32.7	2669
	06-08	.1	10.3	.3	.4		10.9	27.5	12.8			35.3	2681
	09-11	.1	10.6	.2	.2		11.0	15.8	14.9			28.4	2685
	12-14	.1	9.0	.3	.3		9.6	10.4	12.3		.0	21.0	2676
	15-17	.1	9.4	.1	.1		9.6	9.7	12.0		.0	20.6	2681
	18-20	.1	9.2	.1			9.4	14.5	14.9		.0	27.1	2678
	21-23	.2	9.4	.1			9.4	20.1	15.0			31.4	2673
TOTALS		.1	9.6	.2	.2		10.0	18.4	13.0		.0	28.5	21409

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.4	9.6		.3		9.8	20.3	16.1			32.6	2440
	03-05	.2	9.6	.2	.5		10.3	22.6	14.5			33.3	2439
	06-08	.1	9.5	.2	.3		10.0	23.8	16.9			35.4	2438
	09-11	.2	10.5	.0	.5		10.9	12.7	15.7		.1	26.2	2439
	12-14	.2	8.8	.0	.3		9.1	8.4	13.0			20.1	2439
	15-17	.1	8.2		.4		8.4	8.9	13.3			20.6	2431
	18-20	.2	9.7		.2		9.9	12.2	16.5			27.0	2426
	21-23	.2	9.8	.0	.2		9.9	15.6	17.1			30.4	2425
TOTALS		.2	9.5	.1	.3		9.8	15.6	15.4		.0	28.2	19477

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.7	9.8	.2	.1		10.1	21.3	11.3		.1	30.0	2682
	03-05	.8	10.5	.2	.1		10.7	25.2	9.7		.1	31.8	2684
	06-08	.3	10.1	.1	.0		10.3	26.6	11.2		.1	33.5	2681
	09-11	.4	9.1	.1	.1		9.3	11.3	11.5			21.0	2685
	12-14	.4	7.4	.2	.3		7.6	7.0	10.8		.1	16.8	2680
	15-17	.4	8.0	.2	.2		8.3	8.2	11.0		.4	18.2	2677
	18-20	.6	9.1	.1	.1		9.2	11.4	13.6		.4	24.1	2677
	21-23	.6	8.8	.2	.0	.0	9.0	15.2	12.6		.2	26.2	2682
TOTALS		.5	9.1	.2	.1	.0	9.3	15.8	11.5		.2	25.2	21448

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.8	6.1				6.1	15.8	9.5		.1	23.3	2589
	03-05	.8	6.2				6.2	25.0	9.4			31.6	2593
	06-08	.8	5.0				5.0	21.2	10.9			28.3	2590
	09-11	.5	5.4				5.4	5.0	6.9		.0	11.5	2591
	12-14	.7	5.9				5.9	3.6	6.7		.3	10.2	2591
	15-17	.9	5.9				5.9	3.7	6.7		.6	10.6	2589
	18-20	1.0	4.6				4.6	5.1	9.9		.4	14.5	2586
	21-23	1.0	5.1				5.1	9.4	9.3		.2	17.2	2585
TOTALS		.8	5.5				5.5	11.1	8.7		.2	18.4	20714

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WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	2.1	5.1				5.1	17.0	14.0			28.4	2669
	03-05	1.1	4.3				4.3	29.1	14.5			38.5	2671
	06-08	.5	4.7				4.7	17.9	15.7			29.5	2665
	09-11	.4	5.0				5.0	3.8	9.2			12.4	2665
	12-14	1.9	5.9				5.9	2.3	8.0		.1	10.0	2662
	15-17	3.3	6.7				6.7	2.0	8.0		.2	10.0	2670
	18-20	3.5	5.5				5.5	3.4	12.8		.1	15.5	2668
	21-23	1.9	4.7				4.7	8.3	13.9			20.5	2669
TOTALS		1.8	5.2				5.2	10.5	12.0		.1	20.6	21339

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WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.5	4.8				4.8	13.3	14.6			25.0	2470
	03-05	1.1	4.2				4.2	29.5	13.8			37.9	2468
	06-08	1.0	4.5				4.5	16.3	16.7			27.6	2513
	09-11	.8	4.8				4.8	2.6	8.7		.0	10.7	2538
	12-14	4.3	6.0				6.0	1.3	9.5		.0	10.8	2535
	15-17	6.6	7.6				7.6	2.0	10.0		.2	11.5	2539
	18-20	6.2	6.7				6.7	2.7	15.1		.0	14.2	2543
	21-23	3.4	5.6				5.6	5.5	14.7			18.2	2532
TOTALS		3.2	5.5				5.5	9.2	12.6		.0	19.5	20138

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WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.5	5.0				5.0	10.3	14.5			23.2	2491
	03-05	2.5	5.1				5.1	23.9	15.4			35.2	2512
	06-08	1.1	4.0				4.0	14.4	15.2			24.9	2584
	09-11	1.7	5.4				5.4	1.9	7.7			9.4	2593
	12-14	7.1	6.8				6.8	.9	7.8			8.6	2587
	15-17	8.2	9.0				9.0	1.5	8.0			9.0	2596
	18-20	6.8	9.0				9.0	2.9	12.1			13.9	2588
	21-23	4.7	6.8				6.8	4.8	15.0			18.5	2539
TOTALS		4.5	6.4				6.4	7.6	12.0			17.8	20490

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-46, 49-72

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.2	4.7				4.7	14.6	16.3			27.5	2486
	03-05	2.2	5.2				5.2	28.4	16.8			39.4	2501
	06-08	1.1	5.4				5.4	23.5	17.8			35.0	2489
	09-11	1.3	6.3				6.3	3.9	11.3			14.4	2504
	12-14	4.1	7.0				7.0	1.6	9.7			11.2	2489
	15-17	8.0	7.8			.0	7.8	1.6	9.5			10.8	2503
	18-20	5.7	7.9				7.9	3.5	13.7			16.4	2493
	21-23	2.8	5.7				5.7	6.8	15.3			20.1	2504
TOTALS		3.4	6.3			.0	6.3	10.5	13.8			21.9	19969

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-46,49-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.3	5.6				5.6	17.3	14.8			28.9	2419
	03-05	.9	6.2				6.2	31.0	15.6			41.6	2426
	06-08	.7	6.3				6.3	29.3	19.2			39.3	2502
	09-11	.3	6.2				6.2	4.6	12.3			15.7	2504
	12-14	1.8	7.5				7.5	2.2	9.9			11.7	2497
	15-17	2.9	8.6				8.6	2.2	10.2			12.1	2510
	18-20	2.5	7.9				7.9	3.0	13.6			15.6	2497
	21-23	1.0	6.9				6.9	6.6	15.6			20.5	2475
TOTALS		1.4	6.9				6.9	12.0	13.9			23.2	19830

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-46, 49-72

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.3	5.5				5.5	23.3	13.9			32.7	2511
	03-05	.5	7.0				7.0	31.2	14.2			39.9	2523
	06-08	.4	7.6				7.6	28.5	17.4			39.4	2582
	09-11	.2	5.8				5.8	5.8	12.0			16.9	2537
	12-14	.2	5.1				5.1	2.4	7.7			9.8	2583
	15-17	.3	5.3				5.3	2.4	8.6			10.7	2582
	18-20	.3	5.0				5.0	5.8	14.2			18.3	2577
	21-23	.3	4.7				4.7	13.7	14.3			25.1	2557
TOTALS		.3	5.8				5.3	14.1	12.8			24.1	20502

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-46,49-72 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.2	5.7				5.7	19.7	13.8			29.6	2513
	03-05	.2	6.2				6.2	23.7	13.6			32.7	2516
	06-08	.1	5.3		.0		5.3	25.4	16.1			35.0	2565
	09-11		4.2		.0		4.2	6.1	12.2			16.7	2599
	12-14	.1	4.5				4.5	3.3	9.4			11.7	2596
	15-17	.2	4.9				4.9	3.6	9.7			12.7	2595
	18-20	.3	5.3				5.3	7.6	14.6			20.5	2583
	21-23	.2	5.3				5.3	13.4	15.2			24.9	2591
TOTALS		.2	5.2		.0		5.2	12.9	13.1			23.0	20558

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SOUTH CAROLINA

42-46,49-72

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02	.2	7.1				7.1	22.1	10.6			29.8	2601
	03-05	.2	6.7		.2		6.8	23.6	11.0			30.9	2589
	06-08		7.7		.1		7.8	25.4	12.7			33.5	2654
	09-11	.1	8.0	.1	.1		8.2	13.7	13.8			24.8	2688
	12-14	.0	7.7	.2	.1		8.0	7.7	10.5			17.0	2688
	15-17	.2	7.5	.0	.3		7.8	8.8	11.1			18.7	2685
	18-20	.1	7.5		.3		7.8	14.3	13.0			24.8	2677
	21-23	.2	7.3		.3		7.6	18.9	12.0			28.5	2674
TOTALS		.1	7.4	.0	.2		7.6	16.8	11.8			26.0	21256

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. The data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility reduced to less than $\frac{5}{8}$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13717 HYRTLE BEACH AFB SOUTH CAROLINA 46-47, 49-53, 56-72 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	DAILY	2.5	39.8	2.0	2.9		40.5	49.9	37.6			58.3	713
FEB		4.2	43.0	.6	2.6		41.6	49.6	41.0			62.9	649
MAR		7.6	42.1	.7	1.8	.1	42.4	49.8	34.5			56.7	713
APR		11.3	36.0			.4	35.2	48.6	36.8			57.1	690
MAY		18.5	38.2			.9	38.1	51.5	48.2			65.2	682
JUN		29.8	46.3			.2	45.2	49.3	47.7			63.8	661
JUL		41.5	55.7				55.9	47.0	47.2			62.2	651
AUG		32.7	46.1			.2	46.2	55.9	54.2			70.4	651
SEP		15.4	36.9				36.1	56.0	49.9			68.8	629
OCT		5.1	31.0				30.5	53.2	49.2			66.5	650
NOV		2.8	29.6		.2		29.5	49.7	38.6			59.1	638
DEC		1.8	33.9	.1	1.2		32.8	46.3	35.0			54.0	682
TOTALS		14.4	39.9	.3	.7	.1	39.5	50.6	43.3			62.1	3009

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	.06-10	.11-25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	58.5	10.0	2.5	7.0	4.5	4.3	6.1	4.3	2.5	.1				31.4	837	3.25	8.21	.44
FEB	57.7	10.5	1.8	5.4	2.8	6.3	6.3	4.9	3.0	.3				31.8	762	3.39	7.49	.92
MAR	56.4	8.5	1.7	5.3	4.7	6.0	7.3	6.5	3.7	.1				35.1	837	4.56	9.39	1.05
APR	63.5	11.6	1.9	4.4	3.0	6.4	3.7	3.7	1.7	.1				24.9	810	2.63	7.32	.05
MAY	60.6	11.9	2.3	5.3	3.3	6.7	3.2	3.7	2.6	.4				27.5	837	3.08	6.57	.95
JUN	55.4	13.1	2.0	4.0	3.5	6.3	5.8	4.8	4.2	.7	.2			31.5	810	5.30	10.18	1.25
JUL	42.8	13.6	3.6	6.9	4.1	7.6	7.6	7.3	5.2	1.1	.1			43.5	806	6.70	16.39	.00
AUG	52.6	13.0	1.7	4.5	3.7	6.7	7.3	5.7	3.6	1.0	.1			34.4	806	5.85	14.64	1.05
SEP	61.5	9.7	2.1	5.3	3.5	5.0	3.2	4.0	4.0	1.4	.4			28.7	780	5.66	13.74	1.00
OCT	72.1	8.6	1.9	3.5	1.7	3.7	2.6	2.9	2.6	.4	.1			19.4	806	3.09	10.31	TRACE
NOV	68.8	10.2	1.2	4.2	3.2	4.3	3.0	3.2	1.6	.2	.1			21.0	813	2.46	9.70	.00
DEC	63.8	9.8	2.7	4.5	3.6	4.8	4.7	3.8	2.2	.1				26.4	867	2.94	5.99	.26
ANNUAL	59.5	10.9	2.1	5.0	3.5	5.7	5.1	4.6	3.1	.5	.1			29.6	9771	48.91		

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											.00	.87	
43	.88	1.17	1.59	1.61	.34	1.98	1.09	3.18	2.72	TRACE	.56	1.07	3.10
44	1.32	2.91	2.37	.74	1.20	3.08	2.45	3.14	1.77	1.06	.83	.87	3.14
45	.71	1.09	1.00	.82	1.08	6.26	2.83	2.14	3.35	.67	.68	1.72	6.26
46	1.30	1.06	.72	.97	1.15	1.08	1.60	2.38	.47	2.62	.78	.84	2.62
47	.81	.32	.88	.84	1.10	2.43*	.00						
49	.41	.94	.59	.96	1.14	.82	1.51	1.58	4.33	1.35	.65	.51	4.33
50	.54	.45	1.85	.20	1.13	1.58	6.30	.85	2.49	1.38	.50	1.56	6.30
51	.15	.34	1.32	1.78	.80	1.33	1.03	.74	6.93	.07	1.92	.93	6.93
52	.64	1.80	.98	.35	1.64	2.59	1.28	4.75	4.90	1.09	1.69	.82	4.90
53	1.31	1.16	1.63	1.43	.86	1.56	.92	3.15	2.88	.22	1.25	1.84	3.15
54	.60	1.59	1.49	.45	2.59	1.82	1.24	.85	1.45	8.22	.36	.60	8.22
56											.20	.16	
57	.50	1.36	1.19	.75	.95	1.85	1.47	2.16	5.71	.54	2.61	.90	5.71
58	1.51	1.53	.98	3.01	.85	2.04	1.66	4.50	3.87	1.68	.45	1.40	4.50
59	.49	.77	1.90	.91	1.83	1.58	3.66	.73	2.99	1.70	.51	2.36	3.66
60	1.73	1.38	1.42	.87	1.70	4.30	4.69	.87	4.86	.38	.24	.69	4.86
61	1.14	1.21	3.41	2.28	2.70	3.12	2.19	2.33	.92	.52	1.44	.30	3.41
62	.93	1.13	1.61	.94	.53	1.35	.98	1.55	3.90	.37	2.84	1.35	3.90
63	.97	.95	.44	1.45	1.43	2.59	.78	.45	1.06	1.99	2.29	.81	2.59
64	2.67	2.33	1.86	1.07	1.13	3.39	3.12	3.12	5.22	3.95	.54	3.11	5.22
65	.35	1.73	1.84	.61	.56	.86	1.74	2.04	.64	2.09	.27	.42	2.09
66	1.61	2.53	1.26	.12	2.80	.94	2.25	.57	.94	.63	.22	.94	2.80
67	1.23	1.01	.58	1.33	1.16	7.61	2.75	1.27	1.74	.41	.84	2.26	7.61
68	1.23	1.02	.47	.37	1.50	.41*	2.86	.45	.52	3.49	1.19*	1.58	3.49
69	1.45	.41	1.94	1.73	.81	1.79	1.03	4.45	1.11	.63	9.40	1.12	9.40
70	1.53	.75	1.50	.45	1.97	1.49	1.18	3.30	2.60	2.22	.05	2.31	3.30
71	.74	.71	1.59	1.60	1.04	1.35	1.33	6.50	.36	1.95	1.01	.58	6.50
72	1.16	1.14	.56	.03	1.31	1.07	2.47	.85	1.68	.12	2.10	1.49	2.47
MEAN	1.034	1.214	1.309	1.025	1.307	2.232	2.015	2.227	2.670	1.513	1.294	1.193	4.636
S.D.	.539	.635	.663	.685	.629	1.628	1.326	1.577	1.835	1.718	1.763	.702	1.957
TOTAL OBS	837	762	837	810	837	810	806	806	780	806	813	867	9771

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX

(FROM DAILY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											*.00	2.39	
43	3.19	2.55	7.37	3.21	1.71	3.02	5.54	9.51	5.10	TRACE	.84	2.90	44.94
44	3.63	4.83	9.04	2.43	2.49	6.51	7.47	5.27	3.27	1.41	1.36	1.44	49.15
45	1.79	3.91	1.38	2.36	2.04	9.39	9.82	10.62	9.29	1.00	1.44	5.75	58.79
46	3.56	2.59	3.04	2.54	1.84	2.30	7.03	6.03	1.15	3.87	1.61	.91	36.47
47	2.86	.92	5.03	2.59	2.50	7.30*	.00						
49	.78	2.88	2.37	3.59	2.50	2.61	4.34	4.01	5.72	4.23	1.41	1.12	35.56
50	1.04	1.09	4.68	.39	4.00	4.10	15.77	2.86	6.08	2.04	.62	4.92	47.59
51	.44	1.11	4.68	6.12	.95	4.56	2.98	2.19	13.74	.16	3.23	2.41	42.59
52	1.56	3.79	4.24	.98	3.84	8.57	3.18	9.97	9.14	2.06	4.71	2.68	54.72
53	3.15	4.38	5.36	3.03	1.89	3.43	2.65	11.32	9.51	.46	5.49	5.99	56.66
54	1.94	3.62	3.84	.98	4.11	2.15	3.57	1.97	3.06	9.41	.95	2.75	38.35
56											*.20	.26	
57	1.98	3.57	4.88	1.49	3.22	6.29	3.54	5.94	11.30	1.14	5.33	3.98	52.66
58	4.48	3.76	4.59	5.88	2.38	7.20	4.66	7.40	7.20	3.90	.56	3.58	55.59
59	2.25	3.69	5.68	1.93	5.27	5.17	12.03	2.49	7.35	6.75	1.28	4.00	57.89
60	4.23	3.64	5.03	1.94	3.52	6.22	16.39	2.49	7.98	.94	.80	2.31	55.49
61	2.04	3.68	4.91	7.32	5.45	6.89	3.94	6.02	3.53	1.25	3.31	1.20	49.54
62	3.62	2.90	5.18	3.90	1.00	7.28	3.34	5.50	9.15	1.08	4.83	1.78	49.56
63	4.45	4.15	1.52	2.25	3.58	6.73	4.35	1.05	3.28	2.54	4.60	2.25	40.74
64	8.21	7.49	4.66	2.53	1.74	10.18	10.47	5.43	7.24	7.74	.89	5.40	71.98
65	1.59	6.43	9.39	1.48	1.43	3.98	6.94	5.25	1.69	2.41	.60	.74	42.13
66	7.03	4.79	3.17	.42	6.57	2.79	7.27	2.99	2.93	.85	.37	4.41	43.59
67	5.83	2.85	1.73	1.90	3.70	9.27	11.53	4.96	3.72	.50	1.64	3.81	51.44
68	2.78	1.72	1.05	2.16	4.34	1.25*	13.53	1.29	1.13	7.30	3.07*	3.05	*42.67
69	2.96	1.76	3.81	3.92	1.83	4.62	2.98	10.72	2.21	1.51	9.70	3.90	51.92
70	3.10	2.66	7.23	.93	2.76	3.31	3.64	7.86	8.07	7.32	.96	3.32	51.16
71	3.98	2.29	5.18	4.58	3.12	4.96	7.73	14.64	1.00	10.31	1.63	1.01	60.43
72	5.41	4.38	2.18	.05	5.25	2.93	6.27	4.44	3.11	.21	7.49	3.97	45.69
MEAN	3.255	3.386	4.564	2.626	3.075	5.297	6.702	5.855	5.660	3.092	2.462	2.937	49.512
S D	1.839	1.512	2.134	1.784	1.450	2.464	4.238	3.520	3.452	3.091	2.414	1.566	8.350
TOTAL OBS	837	762	837	810	837	810	806	806	780	806	813	867	9771

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	97.0	2.4	.5											.5	744	TRACE	.5	.0
FEB	97.5	1.0	.1	.7										.9	677	.2	2.4	.0
MAR	98.5	1.3		.1										.1	744	TRACE	1.0	.0
APR	100.0														720	.0	.0	.0
MAY	100.0														744	.0	.0	.0
JUN	100.0														720	.0	.0	.0
JUL	100.0														713	.0	.0	.0
AUG	100.0														713	.0	.0	.0
SEP	100.0														690	.0	.0	.0
OCT	100.0														713	.0	.0	.0
NOV	99.9	.1													690	TRACE	TRACE	.0
DEC	98.0	.9	.3											.3	744	TRACE	.4	.0
ANNUAL	99.2	.5	.1	.1										.1	8620	.2	X	X

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0*	.0						
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56											*	.0	
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.2	.6	TRACE	.0	.0	.0*	.0	.0	.0	.0	.0	TRACE	.6
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.02	.13	.04	.00	.00	.00	.00	.00	.00	.00	TRACE	.02	.16
S D.	.071	.358	.204	.000	.000	.000	.000	.000	.000	.000	.000	.083	.563
TOTAL OBS	744	677	744	720	744	720	713	713	690	713	698	744	8620

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIL)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13717 MYKLE BEACH AFB SOUTH CAROLINA

42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56											.0	.0	
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.5	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 1.9
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
MEAN	.03	.20	.04	.00	.00	.00	.00	.00	.00	.00	TRACE	.02	.31
S.D.	.117	.581	.204	.000	.000	.000	.000	.000	.000	.000	.000	.083	.662
TOTAL OBS.	744	677	744	720	744	720	713	713	690	713	698	744	8620

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIJ)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13717

MYRTLE BEACH AFB SOUTH CAROLINA

42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02-.05	.06-10	11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	99.9	.1													837				
FEB	99.2	.5	.3											.3	762				
MAR	99.8	.2													837				
APR	100.0														810				
MAY	100.0														837				
JUN	100.0														810				
JUL	100.0														805				
AUG	100.0														806				
SEP	100.0														780				
OCT	100.0														806				
NOV	100.0														818				
DEC	99.3	.2	.1	.1	.1	.1								.5	868				
ANNUAL	99.8	.1	.0	.0	.0	.0								.1	9776				

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA

42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											0	0	
43	0	0	TRACE	0	0	0	0	0	0	0	0	6	6
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0							
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
56											0	0	
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	1	0	0	0	0	0	0	0	0	0	TRACE	1
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	1	0	0	0	0*	0	0	0	0	0	0	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
S D	.000	.267	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.134	.000
TOTAL OBS	837	762	837	810	837	810	805	806	780	806	818	868	9776

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OII)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

2

SURFACE WINDS

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2

STATION

STATION NAME

YEARS

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USAF STAC FORM 8-74

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-72 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.7	2.2	.8	.1	.0	.0	.0				8.0	6.1
NNE	1.2	2.4	2.3	.6	.0	.0	.0					6.5	6.6
NE	1.0	2.3	1.9	.4	.0	.0	.0					5.6	6.3
ENE	.5	1.1	1.2	.4	.0	.0	.0	.0				3.2	7.2
E	.5	1.4	1.9	.6	.0	.0	.0					4.5	7.3
ESE	.5	1.2	1.5	.3	.0	.0						3.5	7.0
SE	.5	1.2	1.3	.2	.0	.0						3.2	6.5
SSE	.5	1.4	1.7	.4	.0	.0						4.0	6.9
S	.9	2.2	3.6	1.7	.1	.0	.0					8.6	8.0
SSW	.8	1.6	2.4	1.8	.2	.0	.0					6.9	8.6
SW	1.1	1.8	1.9	.9	.1	.0	.0					5.9	7.2
WSW	1.0	1.7	1.7	.6	.1	.0	.0	.0				5.1	6.9
W	1.3	2.2	1.9	.7	.1	.0	.0					6.2	6.7
WNW	.6	1.2	1.3	.7	.1	.0						3.9	7.5
NW	.7	1.1	1.1	.5	.1	.0	.0					3.6	7.0
NNW	1.1	1.4	1.2	.6	.1	.0	.0	.0				4.3	6.7
VARBL													
CALM												16.8	
	14.5	26.9	29.2	11.4	1.0	.1	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 247175

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.5	3.2	1.2	.1	.0						10.5	6.5
NNE	1.2	2.4	2.3	.6	.0							6.5	6.5
NE	1.1	2.4	1.7	.4	.0							5.6	6.1
ENE	.5	1.1	1.2	.5	.0							3.4	7.2
E	.	1.2	1.4	.4								3.7	6.6
ESE	.5	.8	.8	.1								2.2	5.8
SE	.5	.9	.5	.1								2.0	5.3
SSE	.6	1.2	.8	.1	.0							2.8	5.8
S	.9	1.9	1.9	.7	.0							5.4	6.9
SSW	.6	1.4	1.8	.9	.1	.0						4.8	7.8
SW	.9	1.6	2.1	1.0	.1	.0						5.6	7.4
WSW	.8	1.7	1.9	.8	.0	.0						5.2	7.2
W	1.2	2.6	2.5	1.1	.1	.0	.0					7.5	7.2
WNW	.7	1.4	1.9	1.0	.1	.0						5.2	7.9
NW	1.0	1.5	1.9	1.1	.1	.0						5.6	7.6
NNW	1.3	1.9	2.0	1.2	.2	.0						6.6	7.5
VARBL													
CALM												17.4	
	15.1	27.6	27.8	11.1	.8	.1	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 21411

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	2.8	1.0	.1	.0						8.3	6.8
NNE	.9	2.4	2.3	.8	.0							6.4	6.9
NE	.9	2.4	1.9	.5								5.6	6.4
ENE	.4	1.2	1.8	.7	.0							4.2	7.8
E	.5	1.4	1.9	.6	.0							4.4	7.3
ESE	.3	.8	1.1	.3	.0							2.5	7.1
SE	.4	.8	.7	.2	.0							2.3	6.6
SSE	.5	1.1	1.3	.4	.0							3.3	7.1
S	.7	1.9	2.8	1.2	.1	.0						6.8	7.9
SSW	.5	1.1	2.0	1.7	.3	.1	.0					5.8	9.3
WSW	.8	1.3	1.8	1.1	.2	.0						5.2	8.1
WSW	.7	1.5	1.9	1.2	.1	.0	.0					5.3	8.0
W	1.2	2.4	2.6	1.3	.3	.0	.0					7.8	7.8
WNW	.7	1.3	2.3	1.5	.2	.0						6.1	8.8
NW	.8	1.4	1.9	1.2	.1	.0						5.4	8.0
NNW	.9	1.6	2.1	1.1	.1	.0						5.8	7.8
VARBL													
CALM												14.6	
	12.0	25.2	31.4	14.8	1.7	.2	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 19476

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.3	2.1	2.4	1.1	.1	.0						7.0	7.2
NNE	.6	1.4	1.8	.5	.0							4.3	7.0
NE	.7	1.5	1.5	.4	.0	.0						4.2	6.8
ENE	.4	1.0	1.6	.6	.0	.0						3.6	7.8
E	.5	1.5	2.3	1.1	.1	.0						5.4	8.2
ESE	.4	1.2	1.7	.5	.1	.0						4.0	7.5
SE	.5	1.1	1.2	.2	.0	.0						2.9	6.7
SSE	.6	1.2	1.8	.5	.0							4.1	7.1
S	.8	2.1	3.0	1.9	.1	.0	.0					8.8	8.4
SSW	.7	1.6	2.8	2.3	.4	.0						7.8	9.3
SW	.9	1.5	1.9	1.3	.1	.0	.0					5.7	8.0
WSW	.8	1.6	1.7	.9	.2	.0		.0				5.2	7.9
W	.9	2.1	2.3	1.4	.2	.0						7.0	7.9
WNW	.6	1.3	1.9	1.5	.3	.0						5.8	9.0
NW	.6	1.4	1.8	1.0	.2	.0						5.0	8.3
NNW	.7	1.3	1.9	1.1	.1	.0						5.2	8.1
VARBL													
CALM												14.2	
	11.0	23.9	32.3	16.3	2.0	.3	.0	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

21447

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.9	.7	.1	.0						5.7	6.8
NNE	.7	1.3	1.6	.5	.0	.0						4.2	7.0
NE	.6	1.2	1.2	.3	.0	.0						3.3	6.6
ENE	.3	.8	1.2	.6	.0	.0						2.9	8.1
E	.4	1.3	2.2	1.1	.1	.0	.0					5.1	8.5
ESE	.4	1.1	2.0	.6	.1	.0						4.2	7.9
SE	.4	1.3	1.7	.4	.0	.0						3.9	7.1
SSE	.5	1.5	2.5	.8	.1							5.4	7.7
S	.8	2.4	4.8	3.0	.2	.0						11.3	8.8
SSW	.9	2.0	3.3	3.2	.6	.1	.0					10.0	9.7
SW	1.1	2.4	2.5	1.6	.2	.0						7.8	7.9
WSW	.9	1.9	2.5	1.0	.2	.0	.0					6.5	7.8
W	.6	1.8	2.2	1.1	.2	.0						6.2	8.1
WNW	.5	1.0	1.3	.9	.1	.0						3.9	8.4
NW	.5	.8	1.2	.7	.1							3.3	7.9
NNW	.8	1.3	1.3	.6	.1	.0						4.2	7.2
VARBL													
CALM												12.1	
	11.0	23.8	33.5	17.1	2.2	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 20712

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	1.4	.3	.1	.0						5.0	5.9
NNE	.9	1.4	1.4	.4	.1							4.3	6.7
NE	.9	1.7	1.5	.5	.0							4.6	6.6
ENE	.5	.9	1.0	.6	.1							3.1	7.7
E	.6	1.5	2.3	.9	.1							5.5	7.8
ESE	.5	1.6	2.3	.4	.0							4.8	7.3
SE	.7	1.7	2.3	.4	.0							5.0	6.9
SSE	.6	1.9	2.6	.7								5.8	7.3
S	1.0	2.8	5.4	2.8	.1							12.1	8.4
SSW	.9	2.2	2.9	2.6	.3	.0						9.0	8.8
SW	1.4	2.3	2.7	1.3	.1							7.8	7.2
WSW	1.0	1.8	1.6	.5	.0							4.9	6.5
W	1.2	2.3	1.8	.5	.0							5.8	6.3
WNW	.7	1.1	1.0	.4	.0							3.3	6.6
NW	.7	1.0	.8	.2	.0							2.7	6.1
NNW	.8	1.0	.8	.2	.0							2.8	5.8
VARBL													
CALM												13.6	
	13.7	27.0	31.8	12.9	1.0	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

21334

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.8	.9	.3	.0							4.7	5.2
NNE	.9	1.7	1.3	.3	.0	.0						4.2	6.2
NE	.8	2.0	1.7	.3	.0							4.7	6.2
ENE	.4	.8	1.0	.3	.0	.0						2.5	7.0
E	.6	1.3	1.7	.7	.0							4.3	7.4
ESE	.4	1.2	2.0	.5	.0							4.1	7.3
SE	.6	1.5	2.1	.6								4.8	7.1
SSE	.6	1.8	2.6	.6	.0							5.6	7.2
S	1.1	3.2	6.3	3.1	.1							13.8	8.3
SSW	1.3	2.4	3.6	2.5	.4							10.1	8.5
SW	1.5	2.4	2.4	1.0	.0	.0						7.4	6.8
WSW	1.2	2.0	1.7	.5	.0	.0						5.3	6.2
W	1.4	2.3	2.0	.5	.0							6.3	6.1
WNW	.7	1.1	1.1	.3	.0	.0						3.2	6.6
NW	.6	.9	.7	.2	.0	.0						2.3	6.1
NNW	.6	.7	.6	.1	.0							2.1	5.7
VARBL													
CALM												14.5	
	14.3	27.1	31.6	11.7	.8	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 20143

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.3	.7	.1	.0							3.7	4.7
NNE	.8	1.4	.9	.1	.0							3.3	5.7
NE	.9	1.6	1.1	.1								3.6	5.6
ENE	.4	.7	.6	.1	.0							1.8	6.4
E	.5	1.0	1.3	.3	.1							3.1	7.1
ESE	.4	1.1	1.4	.4	.0	.0						3.4	7.4
SE	.5	1.3	1.3	.2								3.3	6.5
SSE	.5	1.4	2.2	.3	.0							4.5	7.0
S	1.0	3.0	5.8	2.8	.2							12.8	8.5
SSW	1.1	3.0	4.5	3.2	.3	.0						12.2	8.7
SW	1.9	3.4	3.1	1.4	.1	.0						10.0	6.9
WSW	1.7	2.9	2.6	.8	.0							8.0	6.3
W	1.7	2.9	1.8	.4	.0							6.8	5.6
WNW	.6	1.4	.9	.1								3.1	5.8
NW	.7	1.0	.4	.1	.0							2.1	5.1
NNW	.5	.6	.3	.0								1.7	4.6
VARBL													
CALM												16.5	
	14.9	28.0	29.0	10.7	.9	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 20495

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.9	1.0	.2	.1							5.4	4.9
NNE	1.5	2.3	1.6	.7	.1	.0	.0					6.2	6.2
NE	1.3	2.3	1.5	.3	.0	.0						5.3	5.8
ENE	.4	.9	.8	.2	.0							2.3	6.5
E	.6	1.2	1.4	.4	.0							3.5	6.8
ESE	.5	1.5	1.8	.5	.0							4.3	7.0
SE	.6	1.5	1.7	.3	.0							4.1	6.7
SSE	.6	1.7	2.4	.4	.0							5.1	7.0
S	1.1	2.8	4.6	1.9	.1	.0	.0					10.5	7.9
SSW	1.2	2.0	5.1	2.3	.2	.0	.0					8.8	8.4
SW	1.3	2.3	2.2	.8	.0							7.1	6.4
WSW	1.6	2.4	1.7	.3	.0							6.1	5.7
W	1.7	2.4	1.2	.2	.0							5.5	5.1
WNW	.5	1.0	.7	.1	.0							2.4	5.8
NW	.6	.8	.5	.1	.0							2.0	5.6
NNW	.7	.8	.4	.1	.0							1.9	5.2
VARBL													
CALM												19.4	
	16.9	27.7	26.8	8.5	.7	.0	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

19981

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.2	1.9	.6	.0		.0	.0				9.0	5.3
NNE	2.3	4.7	3.8	.8	.0	.0	.0					11.7	6.2
NE	1.7	4.5	3.9	.7	.0	.0	.0					10.7	6.3
ENE	.6	1.7	1.5	.7	.0							4.5	7.1
E	1.0	2.1	2.5	.8	.1	.0						6.4	7.1
ESE	.8	1.8	2.1	.5	.0	.0						5.2	6.8
SE	.9	1.7	1.5	.2	.0	.0						4.4	6.0
SSE	.7	1.6	1.6	.3	.0	.1						4.3	6.8
S	1.0	1.9	3.1	.8	.1	.0						6.9	7.3
SSW	.6	1.1	1.3	.7	.0	.0						3.7	7.4
SW	.9	1.1	.9	.4	.0							3.2	6.2
WSW	.8	.9	1.0	.3								2.9	6.2
W	1.0	1.1	.8	.2								3.1	5.4
WNW	.5	.8	.6	.2	.0							2.1	6.3
NW	.5	.7	.4	.1	.0	.0	.0					1.7	5.8
NNW	1.1	.9	.5	.2	.0		.0	.0				2.8	5.3
VARBL													
CALM												17.5	
	17.5	29.8	27.4	7.2	.4	.2	.0	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

19841

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

UCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.6	3.5	1.5	.2	.0						13.2	6.3
NNE	1.9	4.3	5.1	1.5	.0							12.8	7.0
NE	1.4	3.6	3.5	.8	.0							9.3	8.6
ENE	.6	1.3	1.7	.5	.0	.0	.0	.0				4.1	7.2
E	.9	1.7	2.4	.6	.0							5.6	6.9
ESE	.5	1.2	1.0	.3								3.5	6.8
SE	.4	1.1	.9	.1		.0						2.5	6.1
SSE	.4	.9	1.0	.2	.0	.0						2.5	6.6
S	.6	1.4	1.7	.6	.0	.0	.0					4.3	7.1
SSW	.5	.8	.9	.5	.0	.0	.0					2.7	7.4
SW	.6	.8	.7	.3	.0							2.5	6.2
WSW	.6	1.0	.8	.3								2.7	6.4
W	.9	1.1	1.2	.3	.0							3.6	6.1
WNW	.7	.9	.8	.2								2.6	6.0
NW	.8	.9	.7	.2								2.6	5.7
NNW	1.5	1.8	1.2	.6	.0							5.2	6.0
VARBL													
CALM												20.3	
	15.8	27.3	27.8	8.4	.3	.1	.0	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 20516

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.1	3.0	1.2	.1	.0						11.7	6.0
NNE	1.3	2.8	3.0	.8	.0							7.9	6.7
NE	1.0	2.2	1.8	.3	.0							5.2	6.1
ENE	.6	1.3	1.1	.2	.0							3.3	6.3
E	.5	1.5	1.5	.3								3.8	6.5
ESE	.4	1.1	.9	.1								2.6	5.9
SE	.4	.8	.6	.1								2.0	5.7
SSE	.5	1.1	.8	.1								2.6	5.9
S	.7	1.5	1.7	.6	.0							4.5	7.0
SSW	.6	1.0	1.5	.7	.1	.0						3.8	7.7
SW	.8	1.0	1.3	.7	.1							3.9	7.2
WSW	.8	1.3	1.1	.5	.0	.0						3.8	6.8
W	1.4	2.4	2.3	.9	.0							7.2	6.8
WNW	.7	1.5	1.7	.9	.1							4.8	7.5
NW	1.0	1.6	1.6	.7	.1							5.0	7.0
NNW	1.8	2.1	1.8	.8	.1	.0						6.7	6.4
VARBL													
CALM												21.3	
	16.0	27.5	25.8	8.9	.5	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

20559

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	4.0	3.2	1.1	.0	.0						11.2	6.2
NNE	1.2	2.6	2.7	.6	.0	.0						7.2	6.7
NE	1.0	2.2	2.0	.5	.0							5.7	6.4
ENE	.6	1.1	1.2	.2	.0							3.1	6.5
E	.7	1.3	1.4	.3	.0	.0						3.7	6.5
ESE	.3	.8	.6	.1	.0							1.8	5.9
SE	.5	.7	.4	.0								1.7	5.0
SSE	.5	1.1	.6	.1								2.3	5.6
S	1.1	2.1	1.9	.5	.0							5.6	6.4
SSW	.5	1.2	1.4	.8	.1	.0						4.0	7.9
SW	.9	1.2	1.2	.6	.1	.0						3.9	7.1
WSW	1.0	1.5	1.7	.7	.1	.0	.0					4.9	7.0
W	1.7	2.9	2.2	1.0	.2	.0	.0					8.0	6.8
WNW	.8	1.5	1.6	.7	.1	.0						4.8	7.2
NW	1.1	1.7	1.7	.6	.0							5.1	6.7
NNW	1.5	2.1	1.9	.8	.1	.0						6.7	6.4
VARBL													
CALM												20.2	
	16.6	28.1	25.6	8.7	.8	.1	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 21260

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.3	2.8	.7		.0						9.7	5.9
NNE	1.7	2.6	2.2	.3								6.8	5.9
NE	1.0	2.7	1.4	.6								5.6	6.1
ENE	.6	.9	1.1	.3								2.9	6.6
E	.4	.9	.8	.3								2.5	6.6
ESE	.4	.4	.2									1.0	4.6
SE	.1	.3	.1									.5	5.1
SSE	.6	.5	.5	.1								1.8	5.9
S	.5	1.2	.7	.4								2.8	6.6
SSW	.4	1.0	1.0	.6	.1							3.0	7.8
SW	1.6	1.4	1.9	1.0								5.9	6.9
WSW	.9	2.5	2.4	.5	.0							6.5	6.7
W	1.5	3.6	1.9	.6								7.7	6.0
WNW	.6	1.6	1.3	.7	.0							4.3	7.2
NW	1.4	1.7	1.8	.7	.1	.0						5.8	6.9
NNW	1.2	2.0	1.4	.7	.1	.0						5.4	6.5
VARBL													
CALM												27.7	
	15.8	26.8	21.5	7.6	.4	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/14C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.9	2.9	1.0	.0							12.1	5.7
NNE	1.6	3.0	2.2	.4								7.2	5.9
NE	1.3	3.1	2.0	.2	.0							6.7	5.8
ENE	.3	1.1	.6	.3								2.3	6.7
E	.4	.7	.5	.3								2.0	6.5
ESE	.3	.4	.2	.0								.9	5.0
SE	.2	.3	.1	.0								.6	4.8
SSE	.3	.3	.1	.1	.0							.9	6.2
S	.7	.7	.7	.4	.0							2.5	6.5
SSW	.3	.9	1.1	.6	.1							3.0	7.9
SW	1.0	2.0	2.1	.5	.1							5.6	6.8
WSW	1.0	2.6	2.3	.6								6.5	6.5
W	1.5	2.9	2.0	.5	.1							7.0	6.1
WNW	1.0	2.1	1.4	.5	.0	.0						5.2	6.6
NW	1.4	2.1	1.6	.9	.0							6.1	5.7
NNW	2.0	2.6	1.5	.3	.1							6.6	5.6
VARBL													
CALM												24.9	
	16.7	29.7	21.4	6.6	.6	.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2671

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 YEARS JAN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.A.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	5.1	2.9	1.0	.0							12.7	5.6
NNE	1.4	3.3	2.6	.6								7.9	6.2
NE	1.0	3.3	1.9	.4								7.2	5.8
ENE	.4	1.0	.7	.4								2.6	6.8
E	.5	.7	.7	.2								2.1	6.1
ESE	.4	.2	.1	.1								.8	5.3
SE	.4	.1	.2									.7	4.4
SSE	.2	.4	.1	.0	.0							.8	5.5
S	.9	.7	1.2	.2								7.9	6.3
SSW	.3	1.2	1.0	.4	.1	.1						3.2	8.0
SW	.9	1.9	1.6	.7	.1							5.2	7.0
WSW	1.0	2.2	1.9	.3								5.5	6.3
W	1.6	3.3	2.4	.6	.0							7.9	6.3
WNW	1.1	2.0	1.6	.8	.1							5.7	6.7
NW	.9	1.7	1.5	.7	.2							5.0	7.1
NNW	2.3	2.3	1.8	.5	.1							6.9	5.7
VARBL													
CALM												22.8	
	17.4	29.6	22.5	7.1	.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2680

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 YEARS JAN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.6	4.5	2.9	.1							11.8	8.0
NNE	1.0	3.1	4.2	1.3	.0							9.6	7.4
NE	1.0	3.2	3.1	.6								8.0	6.6
ENE	.4	1.6	2.3	.7								5.0	7.7
E	.6	1.4	1.7	.6								4.2	7.2
ESE	.6	.7	.7	.0								2.0	5.6
SE	.6	.7	.5	.1								1.9	5.5
SSE	.4	.6	.7	.1								1.9	5.8
S	.6	.8	1.6	.6								3.5	7.5
SSW	.4	1.2	1.3	.8	.1	.1						4.1	8.7
SW	.4	1.0	1.7	1.0	.2	.0						4.4	8.7
WSW	.3	1.4	2.6	1.5	.0							5.8	8.6
W	.7	2.6	4.5	1.5	.1							9.4	8.0
WNW	.7	1.5	3.2	1.3	.2	.0						6.9	8.5
NW	1.3	1.9	1.8	1.3	.1							6.5	7.4
NNW	1.2	2.1	2.9	2.0	.4							8.5	8.4
VARBL													
CALM												6.4	
	11.8	26.5	37.4	16.3	1.5	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	5.4	1.9	.2							11.0	8.2
NNE	.6	1.8	2.3	1.1	.1							5.9	7.6
NE	.4	1.4	1.7	.8								4.3	7.4
ENE	.5	1.2	1.7	.7	.1							4.2	7.8
E	.3	2.1	2.8	.8								6.1	7.4
ESE	.3	1.7	1.9	.3								4.3	6.8
SF	.5	2.1	1.8	.2								4.6	6.2
SSE	.3	2.7	2.0	.4	.0							5.4	5.7
S	.4	2.6	4.3	1.8	.1							9.2	8.3
SSW	.2	.7	2.5	1.9	.1	.0						5.5	9.9
SW	.1	.8	1.6	1.3	.1							4.0	9.4
WSW	.1	1.2	2.0	1.6	.1	.0						5.0	9.5
W	.2	1.6	3.6	2.4	.1	.1	.0					8.1	9.5
WNW	.3	.8	2.5	2.3	.1	.1						6.1	10.0
NW	.3	1.3	2.7	2.6	.1							7.0	9.8
NNW	.7	1.2	3.0	2.6	.3	.1						8.0	9.7
VARBL													
CALM												1.5	
	6.1	26.1	41.7	22.6	1.5	.4	.0					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2676

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.1	3.5	1.4	.1							8.9	7.5
NNE	.7	1.6	2.2	.8	.1							5.4	7.4
NE	.6	1.5	1.2	.2								3.5	6.2
ENE	.3	1.0	.9	.4	.0							2.8	7.4
E	.9	1.9	2.4	.4								5.7	6.7
ESE	.9	2.2	1.9	.2								5.1	6.1
SE	1.0	2.1	.9	.1								4.1	5.1
SSE	1.3	3.3	2.0	.2								6.8	5.6
S	1.2	4.9	4.8	1.9	.0							12.8	7.3
SSW	.4	2.1	3.4	1.4	.0							7.3	8.2
SW	.1	.9	2.4	1.2								4.6	8.8
WSW	.1	.7	1.0	.7								2.6	8.6
W	.4	1.5	3.1	1.6	.3		.0					7.0	9.0
WNW	.3	1.2	3.2	1.0	.1	.1						6.0	8.8
NW	.9	1.4	2.9	1.4	.2							6.8	8.5
NNW	.4	2.0	2.7	2.2	.1	.1						7.5	9.1
VARBL													
CALM												3.1	
	10.6	31.3	38.5	15.2	1.0	.2	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2681

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.1	1.8	.4	.1							8.5	5.2
NNE	1.4	1.8	1.2	.3								4.7	5.5
NE	1.4	1.7	1.4	.3								4.8	5.5
ENE	1.0	.9	1.1	.4	.0							3.4	6.5
E	1.3	1.2	1.2	.3								4.1	5.9
ESE	.8	.6	.6									2.0	4.9
SE	1.1	.9	.3	.0								2.3	4.2
SSE	1.0	1.1	.5	.0								2.6	4.6
S	1.8	2.5	1.5	.3								6.1	5.3
SSW	1.9	2.5	2.6	.6								7.7	6.1
SW	1.5	1.9	2.4	1.0	.1							6.9	6.9
WSW	.9	1.0	1.0	.4								3.3	6.3
W	2.1	2.4	1.2	1.0	.0							6.6	6.0
WNW	1.0	1.1	.9	.4	.1	.0						3.5	6.6
NW	1.2	1.4	1.2	.5								4.3	6.0
NNW	1.5	1.9	.9	.9	.1							5.3	6.6
VARBL													
CALM												24.0	
	23.1	26.0	19.6	6.8	.4	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2678

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.0	2.0	.4	.1							9.3	5.2
NNE	1.3	1.9	1.3	.2								4.7	5.6
NE	1.4	2.2	1.1	.4								5.1	5.6
ENE	.7	1.4	1.3	.6	.0							4.1	7.2
E	1.1	.6	.8	.2								2.7	5.6
ESE	.3	.6	.5									1.4	5.5
SE	.3	.4	.1	.0								.9	5.0
SSE	.6	.6	.8	.1								2.0	5.7
S	1.0	1.4	.7	.3								3.5	5.6
SSW	.8	1.8	1.5	.5	.0							4.6	6.7
SW	1.8	2.9	2.8	1.0	.0							8.6	6.8
WSW	1.6	2.3	1.8	.3	.0							6.1	5.8
W	1.5	2.5	1.3	.8	.0							6.1	6.4
WNW	.8	1.1	1.0	.6	.1							3.7	7.4
NW	.9	.7	1.4	.5	.0	.0						3.6	7.3
NNW	1.3	1.4	1.4	.7	.1							4.8	6.8
VARBL													
CALM												28.7	
	19.0	24.8	20.0	6.8	.6	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

2672

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.0	1.9	.5	.2							7.5	5.9
NNE	1.4	2.9	1.5	.4								6.2	5.8
NE	.9	2.6	2.1	.3								6.0	6.2
ENE	.5	1.0	2.3	.4	.0							4.2	7.5
E	.6	1.2	1.7	.2	.0							3.8	6.8
ESE	.2	.1	.7	.1	.1							1.1	6.5
SE	.2	.1	.3	.2								.7	7.3
SSE	.3	.3	.2	.5								1.5	6.8
S	.7	.8	1.2	.4	.0							3.1	7.0
SSW	.6	1.1	1.5	.7	.3							4.2	8.1
SW	1.4	1.2	2.1	1.3	.1							6.2	7.7
WSW	1.1	2.6	2.4	.7								6.8	6.8
W	1.5	3.0	2.8	.8	.2							8.4	6.8
WNW	1.1	1.3	1.9	1.0	.1							5.5	7.2
NW	1.4	1.7	1.7	.7	.1							5.5	6.6
NNW	.9	1.2	1.6	1.1	.0	.0						5.0	7.6
VARBL													
CALM												24.2	
	15.1	24.2	25.9	9.3	1.2	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.7	2.3	.7	.0							9.4	5.8
NNE	1.8	3.4	2.9	.7								8.9	6.1
NE	1.4	3.0	1.8	.5								6.7	6.0
ENE	.5	.7	1.6	.3	.1							3.2	7.0
E	.3	.8	.8	.4								2.3	7.0
ESE	.3	.2	.5	.0								1.0	6.0
SE	.1	.2	.2	.2	.0							.7	8.4
SSE	.4	.4	.5	.3								1.6	6.8
S	.5	.7	1.1	.5	.0							2.7	7.2
SSW	.6	.9	1.2	1.0	.2	.0						3.9	8.5
SW	.8	1.4	1.9	1.0	.2							5.2	7.9
WSW	1.0	1.6	2.5	.6	.0							5.7	7.0
W	2.2	4.3	2.7	.7			.0					10.0	6.0
WNW	.9	1.5	1.8	1.0								5.2	7.6
NW	1.4	1.8	1.5	.2	.0							5.0	5.8
NNW	1.8	2.4	1.7	.7	.1	.0						6.7	6.2
VARBL													
CALM												21.7	
	16.7	27.0	24.9	8.9	.7	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.8	3.0	.7								10.7	5.7
NNE	1.2	4.2	2.7	.8								9.0	6.4
NE	1.5	3.7	2.8	.8								8.7	6.3
ENE	.5	1.1	1.4	.5								3.5	7.0
E	.6	.8	.7	.5								2.6	6.6
ESE	.3	.3	.4	.2								1.2	6.6
SE	.2	.4	.2	.2								1.0	6.9
SSE	.4	.4	.4	.2								1.4	6.7
S	.5	.9	.8	.3	.1							2.6	6.8
SSW	.5	1.0	1.4	.7	.1							3.6	7.9
SW	.8	1.5	1.8	.7	.1	.1						4.9	7.5
WSW	.9	1.5	2.6	.9	.1							5.9	7.6
W	1.6	3.7	3.0	.7								9.0	6.3
WNW	1.2	1.6	2.2	.6		.0						5.7	6.7
NW	1.2	1.7	1.5	.5								4.8	6.3
NNW	1.9	2.6	1.7	.6								6.8	5.9
VARBL													
CALM												18.5	
	16.7	29.1	25.5	8.7	.4	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2438

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.0	4.6	2.4	.0							11.4	8.1
NNE	.7	2.5	4.3	1.7	.1							9.3	8.0
NE	.5	3.2	3.3	1.0								8.1	7.3
ENE	.4	1.5	3.0	1.2	.0							6.1	8.1
E	.5	1.2	2.1	.9	.0							4.7	7.9
ESE	.5	1.1	1.4	.4	.0							3.4	7.3
SE	.5	.8	1.1	.4								2.9	7.1
SSE	.3	.7	.9	.4	.0							2.3	7.7
S	.3	1.3	2.1	.8	.1							4.6	8.2
SSW	.2	.5	1.2	.9	.2	.2	.0					3.2	11.0
SW	.3	.8	1.5	1.1	.1	.0						3.9	9.4
WSW	.4	1.4	2.6	2.7	.2							7.3	9.4
W	.6	2.1	3.3	2.0	.2							8.0	8.7
WNW	.4	1.6	3.1	2.3	.2							7.7	9.3
NW	.4	1.2	2.4	1.7	.1							5.8	9.1
NNW	.3	1.7	2.8	1.6	.3	.1						6.8	9.2
VARBL													
CALM												4.2	
	7.3	24.6	40.1	21.7	1.7	.3	.0					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2439

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	3.8	1.6	.1							7.3	8.7
NNE	.2	1.6	2.3	1.1								5.2	8.2
NE	.2	1.2	1.8	.5								3.7	7.5
ENE	.1	1.1	1.8	1.2	.1							4.3	9.0
E	.5	1.8	3.0	1.0	.0							6.3	7.8
ESE	.3	1.4	2.5	.7								4.8	7.9
SE	.2	1.7	2.6	.3	.1							4.9	7.2
SSE	.5	2.0	3.5	.9	.1							7.0	7.9
S	.2	2.2	5.2	3.2	.3	.0						11.2	9.4
SSW	.1	.5	1.6	3.0	.8	.1	.0					6.2	12.0
SW	.0	.5	1.2	1.4	.3	.1						3.5	11.6
WSW	.0	.2	1.4	2.1	.2							4.0	11.5
W	.2	1.1	3.2	2.5	.9	.1						8.0	10.8
WNW	.1	1.1	3.7	3.0	.7	.2						8.7	10.8
NW	.2	1.1	2.5	2.4	.3							6.5	10.1
NNW	.3	1.2	3.2	2.3	.2							7.2	9.4
VARBL													
CALM												1.3	
	3.7	20.2	43.1	27.1	4.0	.5	.0					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	3.2	1.7	.1							7.4	8.4
NNE	.3	1.3	1.5	.5								3.6	7.3
NE	.3	1.2	.8	.2								2.5	6.4
ENE	.2	1.2	1.6	1.0	.1							4.2	8.5
E	.5	2.0	2.6	.9	.0							6.0	7.6
ESE	.2	1.5	2.1	.4								4.2	7.2
SE	.7	1.9	1.9	.1								4.5	6.1
SSE	.5	2.8	3.3	.6	.0							7.3	7.1
S	.7	4.2	7.4	3.2	.1							15.6	8.3
SSW	.1	1.2	3.9	4.6	.7	.2						10.7	11.1
SW	.2	.7	1.3	1.2	.3							3.7	10.1
WSW	.1	.2	.7	1.0	.2	.0						2.3	11.2
W	.2	.9	2.6	1.9	.4	.1	.0					6.2	10.5
WNW	.2	.9	3.2	2.9	.2	.0						7.4	10.3
NW	.2	1.3	2.8	2.6	.3							7.1	9.9
NNW	.4	1.1	2.6	1.6	.2	.0						5.9	9.1
VARBL													
CALM												1.4	
	5.1	24.5	41.3	24.4	2.8	.5	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2431

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	1.9	.4								6.6	5.6
NNF	.9	1.4	1.0	.5	.0							3.8	6.7
NE	1.2	1.4	1.0	.2								3.8	5.7
ENE	.7	1.3	1.4	.8								4.1	7.2
E	1.0	1.8	2.1	.6								5.4	6.7
ESE	.6	1.1	1.1	.1								2.9	6.0
SE	.7	1.0	.5	.2								2.4	5.2
SSE	1.2	1.4	.9	.2								3.7	5.4
S	2.0	3.5	2.9	.9	.0							9.3	6.4
SSW	1.2	2.5	3.4	1.8	.0							8.9	7.7
SW	1.4	2.0	2.6	1.0	.1	.0						7.3	7.2
WSW	.8	1.1	.7	.4	.1	.0	.0					3.2	7.2
W	1.2	1.9	1.7	.6	.5	.1						6.0	7.8
WNW	.7	1.4	1.5	.7	.3							4.6	8.0
NW	1.1	1.3	1.3	.6	.0	.0						4.4	6.9
NNW	.8	1.0	1.0	.4	.1							4.0	7.3
VARBL													
CALM												19.8	
	17.2	26.5	25.5	9.4	1.4	.2	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2425

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-77
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
FEB
MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	1.8	.2	.2	.1						6.2	6.1
NNE	.9	1.6	1.7	.5	.1							4.7	6.8
NE	1.1	2.9	1.1	.3								5.4	5.4
ENE	.6	1.2	1.8	.5								4.0	7.0
E	.5	1.3	2.0	.5	.1							4.4	7.5
ESE	.4	.5	.5	.2								1.6	6.4
SE	.2	.4	.3	.0								.9	5.7
SSE	.3	.5	.6	.3	.0							1.6	7.5
S	1.0	1.8	2.1	.6	.1							5.6	6.8
SSW	1.1	1.5	1.9	.9	.1							5.6	7.3
SW	1.5	2.6	2.2	.7	.1							7.1	6.5
WSW	1.3	3.1	2.0	.9	.0							7.2	6.6
W	1.7	2.5	1.8	.8	.3	.0						7.1	6.8
WNW	.7	.9	1.0	.9	.2							3.7	8.1
NW	.7	1.2	1.6	.6	.2	.0						4.2	7.6
NNW	.0	1.3	1.5	.7	.1							4.2	7.6
VARBL													
CALM												26.2	
	14.2	25.2	24.0	8.8	1.4	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	1.9	.6	.0	.0						6.7	6.2
NNE	.9	1.4	1.5	.3								4.1	6.2
NE	.6	1.9	1.0	.2								3.8	6.0
ENE	.4	1.0	1.8	.4	.1							3.7	7.0
E	.5	1.2	1.5	.5								3.6	7.3
ESE	.3	.7	1.1	.3								2.3	7.3
SE	.3	.7	.5									1.5	5.7
SSE	.4	.9	.7	.2	.1							2.3	6.5
S	.9	1.3	.9	.7	.2							4.1	7.1
SSW	1.0	1.9	1.7	1.0	.2							6.0	7.4
SW	1.4	2.5	1.9	1.5	.1	.0						7.5	7.4
WSW	1.6	2.5	1.7	.4	.1							6.3	6.0
W	1.7	3.3	2.3	.4	.0							7.8	5.8
WNW	.8	1.5	1.7	.8	.0							4.8	7.4
NW	.9	1.9	1.2	.7	.0	.0						4.9	6.8
NNW	1.0	1.5	1.8	.7	.0	.0						5.0	7.2
VARBL													
CALM												25.7	
	14.4	26.5	23.3	8.9	1.0	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

2682

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.9	2.3	.6	.1							9.2	5.9
NNE	1.0	2.3	2.0	.4								5.7	6.3
NE	.7	1.9	1.5	.4								4.4	6.3
ENE	.4	.9	1.6	.7								3.7	7.9
E	.4	1.2	1.3	.5								3.4	7.4
ESE	.1	.3	.5	.3								1.3	8.1
SE	.3	.6	.2	.1								1.2	5.5
SSE	.5	.5	.5	.1	.0							1.7	6.1
S	.9	1.3	1.0	.1	.0	.2						3.5	6.7
SSW	.7	1.6	2.0	.9	.3							5.5	8.1
SW	1.2	2.0	1.6	.9	.1							6.0	7.2
WSW	1.2	2.1	2.1	.7								6.1	6.5
W	1.9	3.1	2.3	.7	.1	.0						8.2	6.2
WNW	1.5	2.0	1.4	.3	.0							5.3	5.8
NW	1.0	1.5	1.5	.6								4.6	6.5
NNW	1.3	2.0	2.2	.4	.0							5.9	6.3
VARBL													
CALM												24.3	
	15.6	27.2	24.4	7.7	.7	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

2685

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.7	3.4	.9								10.5	6.1
NNE	1.0	2.6	2.6	.4								6.7	6.4
NE	1.4	2.6	2.2	.4								6.7	6.1
ENE	.4	1.1	1.5	.6	.1							3.8	7.7
E	.6	1.0	2.1	.7	.0							4.5	7.9
ESE	.1	.4	.6	.4								1.5	8.1
SE	.3	.4	.3	.1								1.2	6.3
SSE	.2	.5	.6	.3	.0							1.9	6.7
S	1.0	1.4	1.1	.2		.0						3.7	5.8
SSW	.6	1.2	1.6	1.0	.3							4.6	8.4
SW	.8	.9	1.7	.7	.1							4.3	7.7
WSW	.7	2.4	2.2	1.3	.1							6.7	7.6
W	1.3	2.8	3.1	1.2	.0							8.3	7.0
WNW	.9	2.1	1.6	.6	.1							5.3	6.9
NW	1.2	2.1	1.6	.6		.1						5.6	6.7
NNW	1.3	2.2	1.7	.5								5.7	6.2
VARBL													
CALM												18.9	
	14.8	27.5	27.3	10.0	.8	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2681

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	4.1	2.7	.1							9.8	8.7
NNE	.4	1.4	3.0	1.4	.1							6.3	8.5
NE	.2	1.9	2.7	.8	.1							6.0	7.7
ENE	.4	1.7	2.8	1.1		.0						6.0	8.1
E	.5	1.5	3.5	1.9	.1							7.4	8.7
ESE	.6	1.5	2.1	.3	.0							4.5	7.0
SE	.4	1.3	1.5	.3								3.4	6.9
SSE	.5	1.3	1.6	.2								3.6	6.7
S	.3	1.6	3.8	1.6			.0					7.4	8.7
SSW	.1	.6	1.8	1.7	.3	.1						4.6	10.7
SW	.3	.7	1.5	1.3	.3	.1						4.2	9.9
WSW	.4	1.0	2.0	1.9	.6	.1		.0				6.1	10.4
W	.4	1.9	3.0	2.1	.3							7.7	9.2
WNW	.2	1.2	2.6	2.5	.4							7.0	10.1
NW	.4	1.1	2.5	1.9	.2	.0						6.1	9.5
NNW	.6	1.5	2.4	2.0	.3	.0						6.7	9.0
VARBL													
CALM												3.0	
	7.1	22.0	40.9	23.8	2.8	.3	.0	.0				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2685

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	2.5	1.5	.1							5.2	9.4
NNE	.1	.7	1.8	.3	.1							3.0	8.4
NE	.4	1.1	1.1	.5								3.2	7.4
ENE	.1	.9	1.3	.9	.0							3.2	8.8
E	.1	1.2	3.4	1.7	.1	.0						6.6	9.2
ESE	.3	2.2	4.1	1.2	.2							8.0	8.2
SE	.3	1.6	3.5	.7								5.1	7.9
SSE	.4	1.8	5.0	1.2								8.4	8.2
S	.3	1.8	7.0	5.8	.4		.0					15.4	10.3
SSW	.1	.3	1.7	4.0	1.1	.0						7.3	12.8
SW		.2	.9	1.1	.2	.1						2.5	12.2
WSW		.2	1.3	1.6	.5	.1						3.8	12.3
W	.1	.8	2.6	2.9	.4	.0						6.8	10.9
WNW	.3	.9	2.6	2.4	.7	.0						6.9	10.9
NW	.1	.8	2.7	2.0	.6	.0						6.3	10.7
NNW	.3	.7	2.8	2.1	.3	.1						6.3	10.3
VARBL													
CALM												1.0	
	3.1	16.2	44.3	30.1	4.7	.5	.0					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

2679

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717

STATION

MYRTLE BEACH AFB SOUTH CAROLINA

STATION NAME

43-47, 49-72

YEARS

MAR

MONTH

ALL WEATHER

CLASS

1500-1700

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.6	.9	.3							4.1	9.3
NNE	.3	1.0	1.3	.4	.0							3.1	7.4
NE	.3	.6	1.2	.3	.0							2.5	7.6
ENE	.1	.6	1.1	.3								2.1	8.2
E	.2	1.6	3.1	1.4	.0							6.4	8.6
ESE	.3	1.9	3.1	1.0	.1	.1						6.5	8.3
SE	.4	1.9	2.1	.4	.0							5.0	7.1
SSE	.3	2.4	4.5	.3								8.0	7.6
S	.4	2.5	9.7	5.0	.4	.0						18.1	9.5
SSW	.1	.7	4.3	6.1	.8	.2						12.2	11.7
SW	.1	.4	1.5	1.5	.1	.0						3.7	10.5
WSW	.1	.3	.9	.9	.1	.0						2.4	10.8
W	.1	.7	1.8	2.7	.4	.0						5.6	11.0
WNW	.1	.6	2.6	3.6	.6	.1						7.7	11.7
NW	.2	.9	2.8	1.8	.4							6.1	10.2
NNW	.3	.8	2.2	1.9	.3	.0						5.5	9.9
VARBL													
CALM												1.1	
	3.6	18.2	43.8	29.1	3.7	.6						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2676

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.6	.9	.1							4.7	7.5
NNE	.6	.7	1.0	.2	.0							2.7	6.6
NE	.8	.7	1.2	.3	.0	.1						3.1	6.9
ENE	.6	.9	1.1	.3								2.9	6.5
E	.8	2.2	1.7	.9	.1							5.7	7.4
ESE	.9	2.0	1.2	.4	.1							4.7	6.4
SE	1.1	1.4	.7	.2	.0							3.5	5.5
SSE	1.3	1.7	1.1	.4								4.5	5.7
S	1.7	4.5	4.7	1.1	.0							12.1	6.7
SSW	1.5	3.4	6.2	2.1	.1							13.3	7.7
SW	1.3	2.5	2.8	1.6	.0							8.2	7.3
WSW	.5	1.6	1.5	.2	.0							3.8	6.5
W	.9	1.8	2.1	.8	.2							5.8	7.4
WNW	.7	1.5	1.5	1.0	.3	.1						5.0	8.5
NW	.4	1.5	1.2	.2	.1							3.4	6.8
NNW	.5	1.0	1.2	.7								3.4	7.4
VARBL													
CALM												13.4	
	14.6	28.6	30.7	11.1	1.4	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2677

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 HAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.6	1.6	.6	.1							5.4	6.6
NNE	.6	1.2	.9	.2								2.8	6.0
NE	.7	1.4	1.5	.4								4.0	6.6
ENE	.7	.8	1.4	.6	.1							3.6	7.5
E	.9	1.7	2.0	.8	.2							5.6	7.6
ESE	.7	.9	1.0	.2	.1							2.9	6.5
SE	.6	.7	.4	.1	.0	.0						1.8	5.8
SSE	.9	.7	.4	.4								2.4	5.8
S	1.3	2.2	1.7	.9	.0							6.2	6.8
SSW	1.5	2.7	3.3	1.3	.1							8.8	7.2
SW	1.9	3.1	2.8	1.4		.0	.0					9.3	6.8
WSW	1.5	2.5	1.9	.4	.0							6.3	5.9
W	.6	2.6	1.3	.6	.1							5.4	6.7
WNW	.5	.9	1.5	.8	.2							4.0	8.5
NW	.5	1.1	.7	.4	.1							2.9	7.2
NNW	.4	1.0	1.0	.6	.1							3.0	7.6
VARBL													
CALM												25.7	
	14.7	25.1	23.4	9.8	1.3	.1	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2602

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.1	1.7	.4	.1	.0						6.2	5.8
NNE	.9	1.4	1.4	.4	.0							4.2	6.4
NE	1.0	1.7	.8	.3		.0						4.0	5.8
ENE	.3	.9	1.2	.2	.2	.0						2.8	7.9
E	.5	1.4	1.2	.8	.1	.0						3.9	7.7
ESE	.2	.8	.9	.1								2.0	6.5
SE	.5	.7	.7		.1							1.9	6.2
SSE	.8	1.0	1.0	.3								3.1	6.3
S	.9	2.4	2.4	.5	.0							6.1	6.7
SSW	1.6	2.3	2.3	.6	.1	.0						6.9	6.7
SW	2.1	3.9	2.5	1.2								9.7	6.4
WSW	1.8	3.6	3.5	.5								9.4	6.1
W	1.4	3.1	1.9	.4	.1	.0						6.8	6.1
WNW	.8	1.0	.5	.1		.0						2.4	5.1
NW	.7	.8	.7	.2								2.4	6.0
NNW	1.2	1.3	1.0	.1	.0							3.6	5.6
VARBL													
CALM												24.6	
	16.6	28.2	23.6	6.0	.7	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0500-0500
HOURS (Z S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.1	1.0	.5	.1							7.7	5.5
NNE	1.5	2.4	1.4	.3								5.6	5.5
NE	1.0	1.9	1.5	.2								4.5	5.8
ENE	.3	.6	1.2	.5								2.7	8.1
E	.3	1.0	1.0	.4	.0		.0					2.8	7.5
ESE	.3	.3	1.1			.0						1.8	6.8
SE	.3	.7	.7	.0								1.7	6.2
SSE	.5	.8	1.0	.1								2.5	6.2
S	1.1	1.9	1.3	.3	.0							4.7	6.1
SSW	.8	2.0	1.0	.4			.0					4.4	6.3
SW	2.0	2.8	2.4	.8	.1							8.1	6.2
WSW	1.6	3.4	3.4	.5	.0							8.9	6.3
W	1.5	2.7	2.0	.3								6.6	5.7
WNW	1.0	1.7	.6	.1	.0							3.5	5.2
NW	1.0	1.0	.7	.1	.2							3.1	6.0
NNW	1.9	2.2	1.0	.2	.0							5.3	5.1
VARBL													
CALM												26.2	
	17.8	28.6	22.1	4.7	.6	.0	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2593

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.9	2.8	2.9	.6	.1							8.2	6.1
NNE	1.3	2.4	2.9	.6		.0						7.2	6.6
NE	.8	2.5	2.0	.4	.0							5.9	6.5
ENE	.5	1.2	1.4	.9	.0							4.0	7.8
E	.5	1.1	1.5	.7								3.9	7.5
ESE	.4	1.1	1.0	.1								2.5	6.2
SE	.4	.8	.9	.1	.0							2.3	6.3
SSE	.4	.7	.7	.2								2.1	6.9
S	.9	1.6	1.5	.3	.1	.0						4.5	6.5
SSW	.6	1.6	1.7	.8	.1	.0						4.9	7.8
SW	1.3	2.5	2.0	.8	.0							6.7	6.7
WSW	1.0	2.5	3.5	1.2	.1							8.2	7.4
W	1.3	2.9	3.6	.9	.1	.0						8.7	7.1
WNW	.9	1.7	1.7	.5								4.8	6.6
NW	1.2	1.8	1.2	.4	.0							4.6	5.9
NNW	1.6	2.5	1.3	.6	.2	.0						6.2	6.2
VARBL													
CALM												15.4	
	15.1	29.7	29.8	9.2	.7	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2590

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	3.9	1.5	.2							7.9	8.5
NNE	.5	1.1	3.0	1.0	.1							5.8	8.4
NE	.5	1.0	2.0	.6	.1							4.2	7.7
ENE	.2	.9	2.3	1.0								4.4	8.9
E	.3	1.8	3.6	1.5	.1							7.4	8.6
ESE	.4	1.6	2.8	1.0	.0							5.8	8.1
SE	.2	1.7	1.9	.4	.1							4.3	7.6
SSE	.3	1.7	2.6	.6	.0							5.4	7.7
S	.3	1.7	5.1	2.8	.2							10.1	9.3
SSW	.3	.6	1.9	2.5	.5	.0						5.9	11.0
SW	.2	.9	1.8	2.0	.3	.1						5.2	10.2
WSW	.2	.8	3.4	2.2	.4	.1						7.1	10.2
W	.5	1.6	4.4	2.4	.5							9.5	9.6
WNW	.4	1.6	2.3	1.9	.2	.1						6.4	9.0
NW	.1	1.0	2.4	1.4	.2							5.0	9.4
NNW	.2	1.2	1.9	1.0	.3							4.7	8.9
VARBL													
CALM												.9	
	5.6	20.5	45.4	23.9	3.4	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME 43-47,49-72 YEARS APR MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	2.0	1.2	.2							4.2	9.3
NNE	.2	.3	1.8	.6	.2	.0						3.1	9.4
NE	.1	.3	1.1	.3								1.7	8.9
ENE	.1	.4	.7	.8								2.2	9.3
E	.2	.6	3.0	1.7	.1							5.6	9.6
ESE	.3	1.2	3.8	1.6	.2	.0						7.4	9.3
SE	.2	1.8	3.8	1.4								7.1	8.4
SSE	.1	1.8	6.0	2.5	.2							10.6	9.3
S	.1	1.1	8.4	8.8	.7	.1						19.2	11.1
SSW	.1	.3	2.2	6.9	1.4	.4						11.3	13.5
SW	.0	.2	.5	2.2	.6							3.5	13.3
WSW		.2	1.4	1.7	.5	.2	.0					3.9	12.8
W	.2	.5	2.6	2.7	.6	.1						6.7	11.3
WNW	.1	.6	2.0	2.1	.2	.0						5.0	10.7
NW	.0	.5	1.7	1.7	.1							4.1	10.3
NNW	.1	.7	1.8	1.3	.2							4.0	9.8
VARBL													
CALM												.4	
	1.9	11.3	42.7	37.7	4.9	.9	.0					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME 43-47, 49-72 YEARS APR MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	1.6	.9	.1							3.7	8.8
NNE	.2	.8	.8	.5	.1							2.3	8.4
NE	.1	.4	.8	.1	.0							1.4	7.8
ENE	.1	.4	1.0	.4	.0							2.0	8.4
E	.2	.7	2.8	1.5	.0							5.2	9.4
ESE	.2	1.2	3.4	1.3	.1	.0						6.3	9.0
SE	.1	1.5	3.7	.8	.0							6.2	8.2
SSE	.2	1.9	5.3	1.7	.2							9.2	8.8
S	.1	2.3	8.8	9.2	.6							20.9	10.6
SSW	.2	.8	5.0	9.6	1.7	.3						17.5	12.4
SW	.3	.2	1.0	2.6	.7	.1						4.7	13.2
WSW	.0	.1	1.0	1.3	.3	.0	.1					2.8	12.2
W	.0	.5	1.9	1.7	.6	.1						4.8	11.5
WNW	.2	.5	2.0	1.7	.3	.0						4.8	10.7
NW	.1	.3	1.8	1.2	.1							3.6	10.1
NNW	.1	.8	1.6	1.6	.0	.0						4.1	9.8
VARBL													
CALM												.5	
	1.9	13.2	42.4	36.2	4.9	.7	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2589

PROCESSING BRANCH
AFM DAF
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	.8	.4	.1	.0						3.9	6.4
NNE	.4	1.0	.9	.2								2.5	6.3
NE	.8	.7	.5	.1								1.9	5.9
ENE	.3	.9	.7	.5								2.3	7.3
E	.5	1.6	2.4	1.5	.2							6.2	8.7
ESE	.8	1.8	1.9	.2	.1							4.8	6.7
SE	1.3	2.1	1.5	.0	.1	.0						5.1	5.6
SSE	1.1	2.5	1.9	.4								5.9	6.0
S	2.0	4.8	7.7	1.4	.2							16.1	7.2
SSW	1.3	4.3	8.7	4.0	.4	.1						18.7	8.6
SW	1.4	2.6	4.7	1.8	.1							17.5	7.7
WSW	.6	1.1	1.0	.3								3.1	6.5
W	.9	1.4	.9	.5	.1							3.6	6.5
WNW	.3	.7	.8	.5	.2							2.6	8.5
NW	.3	.9	.4	.3								1.9	6.4
NNW	.7	.9	.9	.2	.0							2.6	6.1
VARBL													
CALM												8.3	
	13.4	28.3	35.7	12.3	1.4	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2585

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	1.4	1.4	.9	.1	.1							3.9	5.4
NNE	.6	1.0	.7	.3	.0							2.7	6.4
NE	.7	1.1	.9	.5	.1							3.0	6.7
ENE	.3	1.0	1.5	.2	.0							3.1	7.0
E	.5	1.9	2.2	.8	.1	.0						5.6	7.7
ESE	.7	1.1	1.1	.3								3.3	6.4
SF	.6	1.2	.7	.1								2.6	5.4
SSE	1.0	1.6	1.7	.2	.0							4.5	6.1
S	1.5	3.0	2.9	.9	.1							8.9	6.5
SSW	2.0	3.8	3.9	.7	.2							10.7	6.5
SW	2.1	5.7	4.2	1.4	.0							14.1	6.6
WSW	1.7	3.4	2.7	.3	.1							8.2	6.2
W	1.0	1.4	.8	.1								3.3	5.2
WNW	.2	.5	.6	.3	.1							1.6	8.2
NW	.7	.3	.3	.2								1.6	5.9
NNW	.8	.7	.9	.2		.0						2.6	6.4
VARBL													
CALM												20.3	
	15.9	29.9	26.5	6.4	1.0	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2534

2
DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.9	.7	.2	.0							5.1	4.8
NNE	1.2	1.7	1.1	.2	.1							4.3	5.7
NE	1.4	2.4	1.2	.4								5.4	5.8
ENE	.7	.8	.7	.3	.1							2.7	6.7
E	.0	1.4	1.2	.4	.0							3.6	6.4
ESE	.4	1.3	.7	.1								2.6	6.1
SE	.9	1.0	.5	.1								2.5	4.9
SSE	.4	1.3	.6	.1								2.5	5.9
S	1.5	2.3	2.1	.4								6.3	5.9
SSW	1.4	2.3	1.6	.3								5.6	5.7
SW	2.8	4.2	2.8	.6								10.4	5.6
WSW	2.2	3.2	1.9	.3								7.6	5.4
W	1.6	3.0	1.4	.1								6.2	5.2
WNW	.8	1.0	.4	.2								2.5	5.3
NW	1.2	.7	.4									2.4	4.1
NNW	1.2	.8	.1	.1	.1							2.3	4.7
VARBL													
CALM												28.0	
	20.8	29.5	17.6	3.7	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.8	1.3	.1	.1	.0						7.8	4.9
NNE	2.0	2.7	1.1	.3	.1							6.2	5.4
NE	1.5	2.4	1.8	.3	.1							6.1	6.0
ENE	.0	.4	.7	.1								1.8	5.7
E	.3	.9	.6	.3								2.1	7.1
ESE	.4	1.0	.3	.0								1.8	5.0
SE	.2	.8	.4	.0								1.6	5.6
SSE	.3	.7	.4	.1								1.7	5.4
S	1.0	1.9	1.1	.2								4.2	5.5
SSW	1.2	1.8	1.0	.3	.0							4.3	5.5
SW	2.5	2.7	1.9	.3								7.4	5.2
WSW	1.9	2.7	1.5	.3								6.4	5.4
W	2.4	3.9	1.7	.0								7.9	4.9
WNW	1.3	1.2	.5									3.0	4.3
NW	1.6	1.2	.3	.1	.0							3.2	4.3
NNW	1.6	1.2	.4	.0								3.3	4.0
VARBL													
CALM												31.0	
	22.5	28.4	14.9	2.7	.4	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2670

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 YEARS MAY MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	2.3	.4	.1							8.6	5.5
NNE	1.7	2.9	2.5	.5	.1							7.7	6.3
NE	2.2	3.5	2.5	.7								9.8	6.0
ENE	.7	1.7	1.1	.2	.0							3.7	5.8
E	.6	1.1	1.1	.4								3.2	6.9
ESE	.3	1.4	.7	.1								2.5	5.9
SE	.5	.9	.6	.0								2.0	5.7
SSE	.2	.8	.6	.1								1.8	6.5
S	.7	2.0	1.5	.4								4.6	6.4
SSW	.8	1.5	1.3	.7								4.2	6.8
SW	1.6	1.6	2.0	.5								5.9	6.1
WSW	1.2	2.7	2.6	1.1	.0							7.7	6.9
W	2.0	3.5	3.0	.8								9.3	6.2
WNW	1.2	2.3	1.5	.2								5.1	5.6
NW	1.1	2.1	1.2	.2								4.6	5.6
NNW	2.1	2.0	.8	.2								5.0	4.5
VARBL													
CALM												15.5	
	2.5	33.2	25.2	6.3	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2665

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION HYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 MAY
STATION NAME YEARS
ALL WEATHER CLASS
0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.9	3.0	.7	.1							7.6	7.1
NNE	.4	1.7	2.5	.9	.2							5.6	7.8
NE	.5	1.6	2.4	.9								5.4	7.6
ENE	.5	1.4	2.0	1.2	.2							5.3	7.5
E	.5	1.8	4.1	1.6	.1							8.1	8.2
ESE	.5	1.4	3.1	.7	.1							5.8	8.0
SE	.2	2.3	2.7	.7								5.9	7.2
SSE	.2	2.1	2.8	.6								5.7	7.4
S	.5	2.0	5.6	2.6	.0							10.7	8.7
SSW	.3	.8	2.1	2.0	.2							5.4	9.8
SW	.4	.8	2.0	.7								4.0	8.2
WSW	.6	1.4	1.9	1.1	.0							5.0	8.0
W	1.2	3.2	3.3	1.1								8.7	7.1
WNW	.6	2.0	2.7	.9	.0							6.2	7.5
NW	.5	1.8	1.7	.5								4.4	7.0
NNW	.3	1.9	1.8	.5								4.5	7.1
VARBL													
CALM												1.6	
	8.0	28.9	43.8	16.8	.9							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2665

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.8	.4		.1						3.8	7.7
NNE	.2	.4	1.5	.5	.1							2.7	8.8
NE	.2	.4	1.0	.6	.1							2.2	9.4
ENE		.5	1.2	1.2	.1							2.9	10.2
E	.2	1.2	3.8	1.7	.1							7.0	9.1
ESE	.1	2.0	5.6	1.1	.0							8.8	8.5
SE	.2	2.0	5.9	1.2	.0							9.3	8.4
SSE	.3	2.1	6.8	2.6								11.7	6.9
S	.1	1.7	11.2	7.9	.5							21.3	10.4
SSW	.0	.6	1.6	6.1	1.1							9.6	12.6
SW	.0	.5	1.3	2.1	.1							4.1	10.9
WSW	.1	.3	1.2	.7								2.2	9.4
W	.3	1.1	2.3	.9								4.6	8.4
WNW	.4	1.1	1.4	1.2	.1							4.2	8.6
NW	.2	.7	1.1	.5	.0							2.5	8.2
NNW	.3	.6	1.3	.4								2.6	7.8
VARBL													
CALM												.6	
	2.9	16.2	48.9	29.0	2.2	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2662

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72 YEARS MAY MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	.9	.3	.1							2.2	7.7
NNE	.2	.3	1.1	.5	.1							2.3	9.0
NE	.0	.8	1.0	.1								2.0	7.5
ENE	.0	.5	.6	.3	.3							2.2	10.2
E	.2	1.5	3.3	1.6	.3							6.9	9.2
ESE	.2	1.6	4.7	.9	.1							7.4	8.3
SE	.3	2.3	4.7	.9	.0							8.3	7.9
SSE	.2	2.7	6.6	1.8								11.2	8.3
S	.1	2.7	11.6	8.4	.3							23.1	10.0
SSW	.1	1.0	5.2	7.6	1.0	.0						15.1	11.4
SW	.1	.5	2.3	3.8	.3							7.1	11.2
WSW	.0	.5	.9	.4								1.8	8.5
W	.0	.4	1.8	.9	.0							3.1	9.6
WNW	.0	.4	1.1	.7								2.3	9.2
NW	.1	.4	1.3	.3	.0							2.2	8.4
NNW	.1	.6	1.2	.3								2.2	7.9
VARBL													
CALM												.7	
	1.9	17.2	48.3	29.3	2.6	.0						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

4AY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.8	.5	.1								2.4	5.3
NNE	.7	.7	.7	.3	.0							2.5	6.7
NE	.6	.8	.7	.4	.0							2.6	7.0
ENE	.7	.8	1.1	.7	.1							3.4	7.7
E	.8	2.2	2.7	1.1	.0							6.9	7.5
ESE	1.0	2.6	2.0	.3	.0							6.0	6.1
SE	1.5	2.5	1.9	.0	.1							6.1	5.6
SSE	1.6	3.4	2.2	.2								7.5	5.6
S	2.2	6.2	7.0	2.0	.0							17.4	6.9
SSW	1.3	4.5	7.3	3.0	.1							16.3	8.0
SW	1.1	2.8	5.6	1.5	.1							11.1	7.7
WSW	.5	1.1	.9	.1	.0							2.7	6.1
W	1.0	1.4	.5	.1								3.1	4.8
WNW	.4	.4	.3	.1								1.2	5.5
NW	.2	.4	.4	.0								1.1	6.3
NNW	.3	.4	.4	.0	.0							.2	6.5
VARBL													
CALM												8.6	
	15.0	31.2	34.4	10.1	.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2668

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.5	.1								2.8	4.9
NNE	.9	1.1	.7	.4								3.0	6.1
NE	.7	1.8	1.1	.5	.1							4.1	6.7
ENE	.6	.9	1.1	.5								3.1	6.8
E	1.5	2.0	2.0	.5	.1							5.9	6.3
ESE	.8	1.5	1.1	.1	.1							3.5	6.1
SE	1.4	1.8	1.1									4.3	5.0
SSE	1.1	2.1	1.1	.3								4.5	5.6
S	2.1	3.5	3.0	.5								9.0	5.9
SSW	2.3	5.1	2.9	1.2	.0							11.6	6.2
SW	2.8	5.1	3.9	.9								12.7	5.9
WSW	1.3	2.5	1.7	.5								5.9	6.0
W	.7	2.0	.4	.1	.0							3.2	5.0
WNW	.6	.7	.4	.1								1.7	5.2
NW	.5	.3	.2	.0								1.0	4.2
NNW	.6	.4	.3	.1								1.4	5.2
VARBL													
CALM												22.4	
	18.8	31.6	21.4	5.5	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2666

DATA PROCESSING BRANCH
ETAC/USAF
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	.7	.2								5.3	4.3
NNE	1.5	2.4	1.1	.1								5.1	5.0
NE	1.2	2.3	1.5	.1								5.1	5.5
ENE	.4	1.0	.3									1.7	5.0
E	.4	1.1	.6	.2								2.3	5.9
ESE	.2	1.0	.5	.1								1.7	6.0
SE	.5	1.1	.4	.1								2.1	5.2
SSE	.4	1.1	.7	1								2.4	5.9
S	1.3	1.9	1.6	.3	.1							5.2	6.2
SSW	1.7	3.2	2.0	.4	.0							7.4	5.7
SW	3.2	4.1	2.5	.2								10.3	5.1
WSW	2.6	2.9	1.8	.2								7.5	5.1
W	2.5	3.1	1.6	.2								7.7	5.1
WNW	1.0	.9	.6	.2								2.6	5.0
NW	.6	.3	.3									1.2	4.4
NNW	.9	.8	.3	.0								2.0	4.7
VARBL													
CALM												30.4	
	20.8	29.3	16.9	2.4	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 48-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.6	.8	.2								8.5	4.2
NNE	1.4	3.0	1.7	.2	.0							6.4	5.5
NE	1.3	3.4	1.2	.1								6.0	5.2
NNE	.6	.5	.2		.0							1.3	4.7
E	.3	.8	.2	.2								1.5	5.7
ESE	.3	.2	.2	.0								.7	4.9
SE	.5	.5	.6	.0								2.0	4.9
SSE	.4	.5	.3	.1	.0							1.3	5.4
S	.9	1.9	.7	.4	.0							4.0	5.9
SSW	1.6	1.7	1.1	.1	.1							4.7	5.3
SW	2.3	2.6	1.6	.3	.0							6.8	5.5
WSW	1.7	3.4	1.5	.3								6.8	5.3
W	2.6	2.8	2.1	.2								7.6	5.2
WNW	1.1	1.0	.7	.1								2.9	5.1
NW	.9	1.0	.2									2.1	4.0
NNW	1.1	.6	.5	.1								2.3	4.5
VARBL													
CALM												35.1	
	21.2	27.5	13.6	2.4	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2473

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.5	1.4	.4	.0							8.3	4.8
NNE	1.6	3.2	2.3	.2	.0	.0						7.4	6.0
NE	1.2	4.1	2.9	.4								9.6	6.2
ENE	.8	1.2	1.2	.1	.0							3.3	5.9
E	.6	.7	1.2	.1								2.5	6.0
ESE	.3	.8	.6	.2	.0							2.0	6.8
SE	.4	.8	.7	.2								2.1	6.6
SSE	.5	.8	.5	.1								1.9	5.5
S	.8	1.6	1.4	.4								4.1	6.5
SSW	.9	1.6	1.8	.5								4.8	6.5
SW	1.2	2.5	2.3	.4								6.4	6.1
WSW	1.5	2.9	2.3	.6								7.3	6.0
W	2.4	4.3	3.7	.6								11.0	6.0
WNW	1.2	1.9	1.8	.2								5.2	6.1
NW	1.3	1.8	1.4	.1								4.5	5.5
NNW	1.4	1.4	.5	.2								3.4	4.8
VARBL													
CALM												17.2	
	18.9	33.0	25.9	4.7	.2	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2516

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA 43-47, 49-72 YEARS JUN
MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.6	.6	.0							5.2	6.3
NNE	.8	1.5	1.7	.8								4.8	7.2
NE	.5	2.0	2.9	.5	.0							6.0	7.3
ENE	.4	1.3	2.3	.7	.0							4.8	7.9
E	.7	2.1	2.9	1.1	.1							6.9	7.7
ESE	.4	2.2	2.9	.6								6.1	7.3
SE	.7	1.5	2.5	.6								5.3	7.0
SSE	.7	1.8	3.3	.4								6.1	7.1
S	.6	2.8	6.2	2.7	.0							12.4	8.6
SSW	.4	.9	2.7	1.7	.2							6.0	5.3
SW	.4	1.3	1.8	.6								4.0	7.5
WSW	.9	2.1	2.2	.8								6.0	6.9
W	1.4	3.3	3.8	1.0	.1							9.6	6.9
WNW	1.0	2.9	1.9	.6	.1							6.5	6.5
NW	1.0	1.6	1.5	.4								4.4	6.2
NNW	.4	1.5	.9	.2								3.0	6.2
VARBL													
CALM												2.8	
	11.5	30.7	41.2	13.2	.6							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2538

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.9	.6								3.4	6.9
NNE	.2	.4	1.1	.6	.1							2.2	9.0
NE	.3	.4	1.5	.4	.0							2.6	8.0
ENE	.2	.7	1.1	.5		.0						2.4	8.4
E	.4	1.1	2.6	1.7	.2							6.0	9.1
ESE	.2	1.7	3.9	1.4								7.3	8.3
SE	.3	2.0	5.7	1.7								9.7	8.3
SSE	.1	2.8	7.3	1.6	.0							11.8	8.3
S	.4	2.6	13.2	9.2	.5							25.9	10.0
SSW	.2	1.0	3.1	5.2	1.1							10.6	11.7
SW	.0	.5	.9	1.1	.0							2.6	10.1
WSW	.4	.5	1.2	.6	.1							2.8	8.1
W	.3	1.0	1.9	.8	.1							4.1	8.7
WNW	.3	.7	1.6	.7	.0	.0						3.4	8.6
NW	.2	.8	.9	.5	.0	.0						2.5	8.1
NNW	.2	.6	1.1	.2								2.1	7.6
VARBL													
CALM												.7	
	4.4	17.9	48.0	26.7	2.2	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

2535

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	.4								2.0	7.7
NNE	.2	.6	1.2	.2	.1	.0						2.5	8.2
NE	.3	.6	1.1	.2								2.1	7.3
ENE	.2	.5	1.1	.6	.1							2.4	9.0
E	.3	1.0	2.4	1.4								5.2	8.6
ESE	.2	1.3	4.1	.9	.0							6.5	8.1
SE	.5	1.7	3.9	1.1								7.2	7.9
SSE	.4	2.5	5.5	2.0	.0							10.4	8.3
S	.4	3.6	14.7	8.9	.1							27.8	9.6
SSW	.4	1.3	5.6	7.8	1.3							16.3	11.3
SW	.2	.3	2.2	3.0	.3	.0						6.0	11.1
WSW	.3	.5	1.4	.6								2.8	3.5
W	.2	.7	1.3	.6	.0							2.8	8.5
WNW	.1	.5	1.1	.4								2.1	8.7
NW		.5	.7	.4	.1	.0						1.6	9.3
NNW	.1	.5	.7	.1	.0							1.5	7.2
VARBL													
CALM												.8	
	3.9	16.5	47.8	28.7	2.1	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

2539

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.4	.1	.0							2.0	5.3
NNE	.5	1.4	.4	.1								2.4	5.3
NE	.8	.9	1.2	.2								3.2	6.3
ENE	.3	.5	.9	.2								1.9	6.9
E	.6	2.1	2.2	.6	.0							5.5	7.1
ESE	.9	1.7	2.3	.4								5.3	6.6
SE	1.2	2.6	2.2	.5								6.5	6.2
SSE	1.0	3.0	1.9	.5								6.4	6.1
S	2.0	6.9	9.0	1.8	.1							19.8	7.1
SSW	2.1	5.1	9.3	3.5	.3							19.3	7.8
SW	1.3	3.5	3.9	1.7	.0							10.4	7.4
WSW	.6	1.3	1.0	.3		.0						3.3	6.4
W	.9	1.3	.6	.1								2.9	5.2
WNW	.2	.2	.4	.2	.1							1.0	8.0
NW	.3	.6	.3		.0							1.2	5.7
NNW	.4	.3	.4	.1								1.2	6.0
VARBL													
CALM												7.8	
	14.0	32.0	35.3	10.3	.6	.0						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2543

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	.4	.2	.0							3.1	5.2
NNE	1.0	1.3	.7	.0								3.0	5.0
NE	1.0	2.3	1.0	.2								4.5	5.4
ENE	.5	.5	.8	.2								2.0	6.4
E	1.3	1.4	1.6	.4								4.7	5.9
ESE	.7	.9	1.1	.1								2.8	5.8
SE	.6	1.5	.9	.4								3.4	6.2
SSE	1.1	1.9	1.2	.2								4.5	5.7
S	2.5	4.2	3.5	.7	.0							10.9	5.9
SSW	2.8	4.1	3.8	.9	.0							11.8	6.0
SW	3.6	4.5	4.3	.6								12.8	5.7
WSW	1.4	2.6	2.1	.2	.0							6.3	5.8
W	1.3	2.0	1.1	.1								4.6	5.2
WNW	.4	.6	.5	.0								1.6	5.2
NW	.6	.4	.2	.0								1.2	4.6
NNW	.5	.3	.3	.0								1.1	5.2
VARBL													
CALM												21.8	
	20.4	29.8	23.6	4.2	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2532

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYTLE BEACH AFB SOUTH CAROLINA 43-46, 49-72 JUL
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.4	.4	.1								4.2	3.9
NNE	1.1	1.8	.7									3.5	4.7
NE	.9	1.6	.6									3.0	4.6
ENE	.3	.4	.2									.9	4.9
E	.2	.6	.3	.0								1.1	5.5
ESE	.2	.5	.4	.1	.0							1.3	6.6
SE	.4	.5	.3	.1								1.3	5.0
SSE	.5	.6	.6									1.7	5.3
S	1.1	1.7	1.2	.2	.1							4.3	5.9
SSW	1.8	3.6	2.0	.9	.1							8.5	6.2
SW	3.7	5.2	3.3	.6								12.8	5.4
WSW	3.0	3.9	2.7	.7								10.3	5.5
W	2.4	3.4	1.2	.1								7.1	4.8
WNW	.7	1.1	.4									2.2	4.6
NW	.8	1.0	.2	.0								1.9	4.4
NNW	1.0	.6	.2	.0								1.8	4.1
VARBL													
CALM												33.9	
	20.5	27.7	14.8	2.9	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2492

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.7	.6	.0								5.5	3.8
NNE	1.4	2.5	.6	.1								4.6	4.8
NE	1.4	1.9	.9									4.1	4.9
ENE	.3	.7	.2	.0								1.2	5.0
E	.3	.2	.1	.0								.6	5.1
ESE	.2	.4	.4									.9	6.1
SE	.3	.2	.2									.6	4.6
SSE	.1	.3	.1	.0	.0							.6	6.9
S	.6	1.0	1.3	.2	.0							3.1	6.7
SSW	1.5	2.2	1.4	.4								5.4	5.6
SW	3.1	4.0	1.8	.3	.0							9.2	5.0
WSW	2.7	4.2	2.0	.4								9.3	5.2
W	2.7	3.9	.9	.2								7.8	4.6
WNW	.8	1.3	.4	.2								2.7	5.1
NW	1.1	1.2	.3		.0							2.6	4.4
NNW	1.4	.7	.1									2.2	3.4
VARBL													
CALM												39.6	
	21.0	26.1	11.2	1.9	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2515

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.6	1.4	.0								7.2	4.4
NNE	1.5	2.3	2.0	.0								5.8	5.4
NE	1.8	2.9	1.9	.1								6.7	5.4
ENE	.6	1.2	.5	.1								2.4	5.4
E	.4	.7	.4	.0								1.5	5.3
ESE	.3	.4	.3	.2								1.2	6.2
SE	.4	.2	.3	.0								.9	5.4
SSE	.2	.4	.4	.1								1.1	6.6
S	.7	1.3	1.1	.3	.0							3.4	6.5
SSW	.6	1.9	1.7	.4	.1							4.7	6.8
SW	2.0	3.4	2.2	.5								8.1	5.8
WSW	2.6	4.9	3.5	1.2								12.2	6.3
W	2.1	5.4	3.1	.5								11.1	5.7
WNW	1.2	2.6	1.8	.0								5.5	5.5
NW	1.4	1.7	.6	.0								3.7	4.7
NNW	1.7	.9	.3	.0								2.9	3.9
VARBL													
CALM												21.4	
	20.5	32.7	21.5	3.7	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

2584

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CL. 88

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.2	.2								4.3	5.4
NNE	.6	1.4	1.6	.2	.0							4.0	6.4
NE	.7	1.7	2.2	.3								4.9	6.7
ENE	.4	1.2	1.7	.5	.1							3.7	7.5
E	.8	1.4	2.1	.5	.1							4.9	7.2
ESE	.5	1.8	2.2	.7	.0							5.1	7.3
SE	.5	1.6	1.5	.2								3.9	6.3
SSE	.5	1.9	2.5	.2								5.1	6.8
S	.8	3.0	6.4	2.4	.2							12.7	8.4
SSW	.3	1.7	3.6	1.9	.2							7.8	8.8
SW	.6	2.0	2.4	1.0	.1							6.1	7.6
WSW	1.4	3.0	4.0	1.1								9.4	7.1
W	1.9	4.7	4.0	.8	.0							11.6	6.4
WNW	1.1	2.9	2.0	.4								6.4	6.1
NW	.8	1.6	.9	.0								3.4	5.3
NNW	1.0	1.2	.5	.1								2.9	5.0
VARBL													
CALM												3.8	
	13.5	32.9	38.6	10.5	.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

2593

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.7	.0	.0							1.9	6.4
NNE	.1	.8	.8	.4								2.0	7.6
NE	.2	.8	1.2	.2								2.5	7.0
ENE	.2	.4	.9	.2	.0							1.7	7.6
E	.2	1.3	2.6	.6	.2							4.8	8.1
ESE	.3	1.4	3.6	1.2	.2							6.7	8.9
SE	.2	1.9	3.3	.8								6.1	7.8
SSE	.5	2.3	6.4	1.5								10.7	8.0
S	.5	3.9	12.4	10.1	1.1							28.0	10.1
SSW	.3	1.2	4.4	7.1	.9							13.9	11.3
SW	.4	.7	2.0	1.7	.3	.0						5.1	9.9
WSW	.5	1.0	1.8	1.2								4.4	8.2
W	.8	1.6	2.2	.6	.0							5.3	7.1
WNW	.2	1.0	1.2	.3								2.8	7.1
NW	.3	1.0	.4	.0								1.7	5.3
NNW	.4	.3	.5	.0								1.2	5.7
VARBL												1.0	
CALM													
	5.3	20.6	44.3	25.9	2.6	.0						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2586

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.7	.2								1.8	6.4
NNE	.2	.6	.8	.3								1.8	7.3
NE	.3	.8	.8	.2								2.1	6.6
ENE	.3	.7	.6	.2	.1							1.9	7.1
E	.2	1.0	2.7	.4	.2							4.5	8.2
ESE	.3	1.7	2.3	.7	.1	.0						5.2	7.9
SE	.3	2.5	2.5	.5								5.8	7.1
SSE	.4	2.0	5.5	.7								8.7	7.7
S	.6	3.3	13.5	7.6								25.6	9.6
SSW	.3	2.3	8.9	10.3		.0						23.1	11.1
SW	.2	1.2	2.6	3.3	.2	.0						7.5	10.5
WSW	.3	1.1	1.7	.7								3.9	7.9
W	.3	1.1	1.0	.3								3.0	6.5
WNW	.1	.9	.6	.2								1.7	6.9
NW	.1	.4	.5	.1	.0							1.1	7.4
NNW	.3	.3	.3	.0								1.0	5.5
VARBL													
CALM												1.4	
	5.0	20.5	45.0	25.6	2.3	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2598

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.7	.1	.3								1.9	5.1
NNE	.5	.8	.7	.1	.0							2.1	5.7
NE	.7	1.2	.4	.2								2.5	5.3
ENE	.5	.5	.6	.1	.0							1.8	5.9
E	.0	1.5	1.8	.2	.1							4.4	6.6
ESE	.8	1.6	1.0	.4								3.9	6.3
SE	.8	2.3	1.3	.2								4.6	5.7
SSE	1.1	2.6	1.4	.2								5.3	5.5
S	2.0	5.5	7.7	1.4	.6							16.7	6.9
SSW	1.4	6.2	9.2	4.1	.1							21.0	8.0
SW	1.9	3.9	6.6	2.5	.0							14.9	7.7
WSW	.9	1.9	2.2	.3								5.4	6.7
W	1.0	1.2	.8	.1								3.1	5.3
WNW	.2	.5	.5	.1								1.3	6.2
NW	.3	.3	.1	.0								.8	4.5
NNW	.2	.2	.2									.7	5.3
VARBL													
CALM												9.6	
	14.2	31.0	34.7	10.1	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.6	.1								3.1	4.7
NNE	.7	1.0	.5	.1								2.4	5.0
NE	1.1	1.5	.5	.0								3.1	4.6
ENE	.4	.4	.2	.0								1.0	5.3
E	.7	1.2	.6	.2	.1							2.7	6.1
ESE	.4	1.3	.6	.3								2.5	6.2
SE	.8	1.4	.8	.1								3.1	5.4
SSE	.7	1.3	.9	.0								3.0	5.5
S	1.3	3.9	2.6	.2								8.2	5.9
SSW	2.4	5.3	4.2	.6	.1							12.6	6.1
SW	3.6	7.0	4.2	1.5	.1							16.3	6.0
WSW	2.1	3.7	2.7	.6	.0							9.2	6.0
W	2.1	2.1	1.1	.2								5.4	4.7
WNW	.9	.6	.4									1.9	4.3
NW	.6	.6	.4	.1								1.6	5.9
NNW	.4	.4	.1	.1								1.0	5.5
VARBL													
CALM												23.0	
	19.4	32.7	20.3	4.3	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2538

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BFACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.2	.6	.1								5.5	4.2
NNE	2.2	2.2	1.5	.4								6.3	5.4
NE	1.6	3.4	1.2	.1								6.3	4.9
ENE	.3	.4	.3									1.0	5.1
E	.1	.4	.4	.1								1.0	6.3
ESE	.2	.6	.2	.1								1.1	6.1
SE	.3	.4	.4	.0	.0							1.2	5.8
SSE	.8	.4	.6	.2								2.0	6.1
S	.6	.6	1.0	.1								2.2	6.2
SSW	1.7	2.2	1.4	.4								5.7	5.5
SW	3.5	2.9	1.9	.7								9.0	5.3
WSW	3.2	3.5	2.1	.4								9.1	5.0
W	2.6	2.6	.8	.1								6.1	4.3
WNW	.4	.6	.3	.1								1.4	5.1
NW	1.0	.7	.3		.0							2.1	4.5
NNW	.7	.6	.4	.0	.1							1.8	5.5
VARBL													
CALM												38.2	
	21.8	23.6	13.4	2.8	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2493

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	2.8	1.0	.2								8.3	3.9
NNE	2.7	3.5	1.4	.6								8.2	5.2
NE	2.6	3.2	1.2	.1								6.4	4.8
ENE	.4	.4	.2									1.0	4.6
E	.2	.1	.4	.0								.7	6.4
ESE	.1	.4	.2									.6	6.0
SE	.2	.2	.1	.1								.7	6.1
SSE	.4	.2	.2	.3	.1							1.1	7.3
S	.6	.7	.6	.1								2.0	5.6
SSW	1.4	1.1	.7									3.2	4.6
SW	2.5	2.0	1.0	.4	.0							3.9	4.9
WSW	2.9	2.4	1.2	.1								6.6	4.6
W	3.3	2.9	1.1	.1								7.4	4.3
WNW	.7	1.0	.2									2.0	4.3
NW	1.0	.6	.6	.0	.1							2.4	5.6
NNW	1.3	.9	.5	.1	.0							2.8	4.9
VARBL													
CALM												40.7	
	23.9	22.5	10.6	2.0	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2502

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	3.0	1.6	.2								9.6	4.3
NNE	2.0	4.8	2.9	.8								10.5	5.9
NE	2.0	3.7	2.1	.2	.0							8.0	5.4
ENE	.9	1.2	.6	.0								2.7	5.0
E	.6	.4	.6									1.6	4.8
ESE	.1	.2	.6	.1								1.0	7.4
SE	.2	.3	.2	.0								.8	5.4
SSE	.1	.3	.2	.1	.0							.8	7.3
S	.6	.9	.6	.2	.0	.0						2.4	6.5
SSW	.8	.8	.8	.2	.0							2.7	6.2
SW	1.7	1.7	1.9	.2								5.6	5.8
WSW	1.7	3.2	2.3	.2								7.4	5.6
W	2.8	4.0	2.3	.2								9.4	5.1
WNW	1.2	2.0	1.3	.2								4.7	5.6
NW	1.4	1.7	.7	.1	.1							3.9	5.2
NNW	1.1	1.1	.6									2.8	4.6
VARBL													
CALM												26.0	
	22.0	29.6	19.3	2.8	.3	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2489

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	1.4	.5								5.8	6.0
NNE	.8	2.4	2.9	.9	.2							7.2	7.4
NE	.9	2.6	2.9	.7	.1	.6						7.2	7.2
ENE	.4	1.6	2.1	.4								4.5	7.1
E	.8	2.5	2.9	.7	.1							6.9	7.2
ESE	.8	2.3	2.2	.6								5.8	6.2
SE	.6	1.8	2.2	.2	.0							4.8	6.7
SSE	.7	2.0	2.3	.4	.1							5.5	6.9
S	.7	2.4	4.3	1.1		.1						8.6	7.8
SSW	.6	1.0	2.5	1.3	.2							5.6	8.6
SW	.3	1.4	2.1	.5								4.3	7.4
WSW	1.2	2.1	2.7	.4	.0							6.5	6.5
W	1.8	4.6	2.9	.6								9.9	5.9
WNW	.9	2.7	1.9	.2	.0							5.7	5.8
NW	.7	1.6	1.0	.2								3.5	5.8
NNW	1.0	1.8	.8									3.6	5.0
VARBL													
CALM												4.5	
	13.2	35.6	37.1	8.7	.8	.1						100.6	6.5

TOTAL NUMBER OF OBSERVATIONS 2503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.4	.2	.1							3.4	6.9
NNE	.3	1.1	1.6	.9	.1							4.1	8.3
NE	.4	.7	1.7	.5	.0							3.3	7.7
ENE	.3	.8	1.3	.3	.0							2.8	7.5
E	.3	1.7	2.9	.9								5.9	8.0
ESE	.4	2.3	4.8	1.6	.0							9.2	8.1
SE	.3	2.5	5.1	.9	.0							8.8	7.9
SSE	.6	3.7	8.5	1.2	.0							13.9	7.8
S	.3	3.5	11.2	6.4	.6	.1						22.1	9.6
SSW	.2	1.0	3.3	5.0	.6							10.1	11.2
SW	.3	1.0	.3	.9	.1							3.1	8.8
WSW	.4	1.1	1.2	.2	.0							2.9	6.8
W	.8	1.7	1.2	.2								3.9	5.9
WNW	.3	.7	1.0	.1								2.2	6.7
NW	.2	.6	.5	.3	.1							1.7	7.9
NNW	.2	.7	.5	.1								1.4	6.0
VANBL													
CALM												1.4	
	5.7	24.3	46.9	19.8	1.8	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2489

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.9	.2	.1							2.5	7.7
NNE	.5	1.3	1.0	.7	.0		.0					3.5	7.5
NE	.4	1.2	1.1	.4	.0							3.1	7.1
ENE	.3	1.0	.8	.3	.0							2.4	6.9
E	.3	1.7	2.2	.9	.1							5.2	7.8
ESE	.6	2.8	3.8	.9								8.2	7.3
SE	.5	2.9	3.6	.8								7.8	7.3
SSE	.3	3.4	5.8	.7	.1							10.2	7.5
S	1.0	5.2	12.5	5.8	.2		.0					24.6	8.8
SSW	.3	2.0	7.0	7.8	.6	.0	.1					17.8	10.7
SW	.3	1.2	2.0	2.0	.0							5.6	9.3
WSW	.2	.9	.8	.5	.1							2.5	8.2
W	.5	1.1	.5	.0								2.1	5.4
WNW	.2	.4	.4	.2	.0							1.3	7.8
NW	.1	.2	.3	.0								.7	6.8
NNW	.2	.2	.3	.1	.1							.9	7.5
VARBL													
CALM												1.8	
	5.9	26.3	43.0	21.3	1.5	.0	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.0	.1	.2							3.8	5.6
NNE	1.3	1.4	.7	.6	.1							4.1	6.3
NE	1.3	1.2	.6	.1	.0							3.3	5.0
ENE	.8	.7	.7	.4	.0							2.6	6.5
E	1.4	1.5	1.3	.1								4.3	5.4
ESE	1.4	2.5	1.9	.1								5.9	5.7
SE	1.4	2.8	1.2	.2								5.5	5.3
SSE	1.0	2.5	1.4	.0								5.1	5.3
S	2.7	6.0	5.3	.8								14.8	6.1
SSW	2.2	4.9	6.2	3.1	.0							16.4	7.4
SW	2.0	3.4	4.4	1.2								11.0	7.0
WSW	1.0	1.9	1.4	.3	.0							4.6	6.1
W	1.1	.8	.3	.1	.0							2.2	4.7
WNW	.3	.4	.3	.2								1.1	6.3
NW	.2	.3	.2	.0								.7	5.3
NNW	.3	.4	.3	.0	.0							1.1	5.9
VARBL													
CALM												13.5	
	20.0	31.9	26.8	7.3	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

2495

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46, 49-72
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
AUG
MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.4	.5	.2	.1							4.5	4.3
NNE	2.3	2.0	1.0	.4	.0	.0						5.7	5.3
NE	1.6	1.9	1.1	.1								4.7	4.9
ENE	.2	.9	.6	.2								1.8	6.5
E	.8	1.0	.7	.2								2.6	5.5
ESE	.6	1.0	.7	.2	.0							2.6	6.2
SE	.8	1.4	.6	.2								3.0	5.3
SSE	.8	1.0	.6									2.4	4.8
S	2.0	2.9	1.6	.4								7.0	5.5
SSW	2.3	2.7	3.0	.6	.1							8.7	6.1
SW	3.7	4.9	3.5	.4								12.5	5.4
WSW	2.4	4.2	2.1	.3	.0							9.0	5.5
W	1.2	1.6	.4	.1								3.2	4.5
WNW	.4	.4	.1	.1								1.0	4.8
NW	.5	.5	.3	.0								1.3	4.8
NNW	.5	.4	.1	.1								1.1	4.7
VARBL													
CALM												28.8	
	22.5	28.1	16.9	3.4	.3	.0						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2507

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	3.2	1.3	.3	.0							9.5	4.4
NNE	3.2	5.5	3.8	.3								12.8	5.5
NE	2.4	5.9	4.1	.3	.0							12.8	5.7
ENE	.5	1.1	.5	.4								2.6	6.3
E	.8	.5	.5	.0	.1	.0						1.9	5.7
ESE	.5	.8	.5	.3								2.1	6.5
SE	.5	.7	.6	.2								2.1	5.8
SSE	.5	.6	.3	.3		.0						1.8	6.7
S	.8	.8	.7	.2	.0	.0						2.5	6.1
SSW	.7	.8	.7	.3								2.6	6.1
SW	1.0	1.4	.6	.1								3.1	5.1
WSW	1.0	1.2	1.4	.2								3.8	6.2
W	1.4	1.5	.3	.0								3.3	4.2
WNW	.4	.8	.3	.3								1.8	6.0
NW	.7	.7	.0									1.4	3.8
NNW	1.4	.7	.5	.2	.1							2.9	5.3
VARBL													
CALM												32.9	
	20.5	26.4	16.2	3.6	.3	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

2421

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46,48-72 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.8	5.0	1.9	.4	.0							14.1	4.3
NNE	2.8	7.3	3.5	.6								14.2	5.6
NE	2.3	5.5	4.7	.4	.0	.0						13.0	6.0
ENE	.3	.7	.4	.2	.0							1.6	6.9
E	.3	.3	.3	.1	.0							1.0	6.3
ESE	.2	.2	.4	.1								.9	7.0
SE	.5	.4	.4	.1								1.4	5.5
SSE	.3	.2	.4	.1	.0	.0						1.1	7.2
S	.5	.6	.8	.2	.1	.0						2.1	7.1
SSW	.4	.7	.4	.3	.0							1.8	6.5
SW	1.1	.7	.3	.1								2.2	4.7
WSW	1.2	1.0	1.0	.2								3.4	5.4
W	1.1	1.1	.8	.1								3.1	4.9
WNW	.6	.8	.3	.1								1.8	5.1
NW	1.1	.7	.3		.1							2.2	4.8
NNW	2.2	1.1	.4	.2								4.1	4.3
VARBL													
CALM												31.9	
	21.9	26.2	16.2	3.3	.5	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2427

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.2	5.4	2.6	.6	.0			.0				14.9	4.7
NNE	3.4	7.4	5.5	.8			.0					17.1	6.0
NE	2.3	7.2	5.4	.7			.0					15.6	6.2
ENE	.8	1.8	.8	.2	.0							3.7	5.7
E	.3	.9	.5	.0		.1						1.8	6.5
ESE	.2	.4	.4	.1	.0	.0						1.2	7.4
SE	.3	.4	.6	.2								1.5	7.2
SSE	.2	.6	.3	.1	.1							1.3	6.7
S	.4	.6	.6	.2								1.6	6.4
SSW	.4	.2	.2	.2	.0							1.0	6.6
SW	.6	.5	1.0	.1								2.2	6.1
WSW	1.0	.6	1.1	.5								3.2	6.6
W	1.0	1.5	1.3	.1								4.7	5.1
WNW	.8	1.2	.7	.2								2.8	5.5
NW	.9	1.4	.5	.0	.0							2.6	4.8
NNW	2.2	1.7	.8		.0							4.7	4.2
VARBL													
CALM												19.8	
	21.7	31.7	22.2	4.0	.3	.1	.1	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2504

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.0	3.0	.8			.0	.0				8.9	6.5
NNE	1.2	4.4	6.0	2.0	.2							13.7	7.7
NE	1.3	5.1	6.2	1.4	.0							14.0	7.1
ENE	.8	3.2	3.4	1.6	.1							9.0	7.5
E	1.0	3.0	4.4	1.2	.0	.2						9.7	7.5
ESE	.8	1.6	2.2	.4								5.0	6.7
SE	.4	1.1	1.5	.2								3.2	6.6
SSE	.3	1.1	1.7	.2	.0							3.4	7.3
S	.7	1.5	2.4	.6	.1							5.3	7.5
SSW	.3	.3	.8	.5								1.9	7.9
SW	.6	.7	.8	.2								2.2	6.2
WSW	.6	1.2	1.5	.5								3.8	7.1
W	1.2	1.8	1.7	.3								5.0	5.8
WNW	.7	2.0	1.4	.2	.0							4.4	6.0
NW	.6	1.4	.6	.1								2.7	5.3
NNW	1.2	1.6	1.0	.2	.0			.0				3.9	5.9
VARBL													
CALM												3.9	
	13.8	32.8	38.5	10.1	.5	.2	.0	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	2.2	1.2	.1							6.8	7.3
NNE	.6	2.0	3.3	1.5	.0							7.5	8.1
NE	.5	2.6	3.4	.9								7.5	7.5
ENE	.6	1.8	2.5	1.4	.0							6.4	8.0
E	.6	3.2	6.1	2.3	.0							12.2	8.2
ESE	.8	3.2	5.3	1.3		.1						10.6	7.6
SE	1.0	3.7	3.7	.4	.0							8.8	6.7
SSE	.6	3.2	4.6	1.1	.0	.1						9.8	7.9
S	.6	2.3	7.5	2.6	.2							13.2	8.6
SSW	.2	.5	1.1	1.8	.0							3.6	10.3
SW	.2	.5	.6	.6								2.0	8.5
WSW	.1	.6	.8	.3								1.8	7.7
W	.2	.6	1.2	.4								2.5	7.6
WNW	.2	.7	1.3	.3								2.4	7.9
NW	.2	.6	.9	.1	.1	.0						1.9	8.0
NNW	.4	.8	.5	.3			.0					2.0	6.8
VARBL													
CALM												.9	
	7.8	28.6	45.2	16.6	.6	.2	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2499

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	1.5	.7								5.0	6.7
NNE	1.2	3.1	2.9	.7								7.8	6.7
NE	.8	1.7	2.1	.7								5.3	6.9
ENE	.3	1.6	2.0	.8								4.7	7.9
E	.7	3.8	4.5	1.6	.2							10.8	7.7
ESE	1.0	3.9	4.9	1.0	.0							10.8	7.0
SE	1.1	3.7	3.3	.5		.0						8.6	6.5
SSE	.9	4.1	3.9	.6		.1						9.6	6.6
S	1.1	4.5	7.7	2.1	.0	.1						15.6	7.8
SSW	.4	1.3	3.7	1.7	.2							7.3	8.9
SW	.3	.6	1.2	1.0								3.1	9.7
WSW	.2	.8	.7	.2								2.0	6.5
W	.2	1.0	.7	.2								2.1	6.8
WNW	.2	.5	.6	.2								1.6	7.5
NW	.2	.5	.7	.2	.1							1.6	8.0
NNW	.3	.8	.6	.2	.0							2.0	7.0
VARBL													
CALM												2.1	
	9.5	34.0	41.1	12.5	.6	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2510

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.6	1.2	.2			.0					5.3	5.1
NNE	2.6	3.1	2.5	.3	.0	.0						8.6	5.7
NE	1.8	3.2	1.6	.4		.0						7.0	5.5
ENE	.6	1.9	1.5	.4								4.5	6.6
E	2.9	3.5	2.1	.7								9.0	5.5
ESE	2.1	2.6	2.0	.2								6.9	5.5
SE	2.5	2.4	1.1	.0		.0						6.1	4.5
SSE	1.6	1.9	.7	.1		.1						4.3	5.0
S	2.4	3.5	3.2	.4	.0							9.5	5.9
SSW	1.2	3.1	2.3	.4		.0						7.0	6.3
SW	1.5	1.6	1.3	.7	.0							5.2	6.2
WSW	1.2	.6	.5	.1								2.3	4.7
W	.8	.6	.2									1.5	4.1
WNW	.5	.4	.1	.3	.1							1.3	6.8
NW	.2	.3	.1									.6	4.8
NNW	.4	.4	.2	.2								1.3	5.7
VARBL													
CALM												19.7	
	24.3	30.6	20.7	4.3	.2	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2490

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.7	1.3	.4	.0							7.3	5.0
NNE	3.3	5.2	3.0	.2								11.7	5.1
NE	2.4	4.6	3.5	.4	.0							10.9	5.7
ENE	.6	1.3	1.0	.3								3.2	6.3
E	1.4	1.3	1.3	.1								4.1	5.4
ESE	.9	1.7	.9	.2	.0							3.7	5.8
SE	1.1	1.2	.8	.1								3.2	5.2
SSE	.8	1.3	.6	.1		.1						2.9	6.1
S	1.7	1.4	1.5	.2	.1							4.8	5.7
SSW	1.3	1.5	1.3	.2								4.2	5.6
SW	1.6	2.3	1.2	.2								5.3	5.3
WSW	.8	1.3	.8	.2								3.1	5.6
W	1.1	.9	.3	.1								2.4	4.2
WNW	.4	.4	.1	.2	.0							1.0	6.5
NW	.2	.2	.1	.1			.1					.7	8.6
NNW	.6	.5	.3	.1								1.4	5.1
VARBL													
CALM												29.8	
	20.9	27.6	18.1	3.1	.2	.1	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2479

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

73-46,49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	5.0	2.8	.8	.2							13.9	5.3
NNE	2.2	5.6	4.8	1.0								13.5	6.3
NE	1.8	4.8	3.7	.6								10.8	6.1
ENE	.4	.6	.8	.2	.0	.0						2.1	7.2
E	.4	.4	.6	.1								1.5	5.6
ESE	.3	.4	.1	.2								.9	5.9
SE	.3	.2	.2	.1		.0						.9	6.8
SSE	.0	.3	.8	.2		.0						1.3	8.3
S	.2	.9	.9	.3								2.3	6.9
SSW	.4	.4	.5	.1								1.4	6.0
SW	.8	1.1	.4	.2								2.4	5.4
WSW	.8	1.4	1.0	.0								3.1	5.4
W	1.4	1.3	1.0	.1								3.8	5.0
WNW	.8	.8	.4	.1								2.1	4.9
NW	.5	1.2	.2	.0								1.9	4.7
NNW	1.9	1.5	.6	.5								4.6	5.1
VARBL													
CALM												33.4	
	17.2	25.9	18.7	4.4	.2	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2518

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	7.3	3.5	1.0	.2	.0						17.7	5.3
NNE	2.6	4.6	5.7	1.3	.0							14.3	6.7
NE	1.4	4.6	3.6	.7								10.3	6.3
ENE	.5	.5	.5	.4								1.9	7.0
E	.6	.4	.2	.0								1.3	4.5
ESE	.2	.3	.1	.2								.8	6.6
SE	.1	.1	.1	.0								.3	5.7
SSE	.1	.2	.4	.1	.1							1.0	9.0
S	.2	.6	.5	.1		.0						1.3	7.0
SSW	.3	.4	.3	.3	.0							1.3	6.9
SW	.4	.6	.2	.1								1.4	4.9
WSW	.5	1.3	.7									2.6	5.3
W	1.1	1.8	.9	.0								3.8	5.0
WNW	1.1	1.0	.5	.0								2.7	4.7
NW	1.3	.8	.4	.1								2.7	4.4
NNW	3.0	2.9	1.1	.4								7.4	4.7
VARBL													
CALM												29.1	
	19.2	27.6	18.8	4.8	.4	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2526

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46, 49-72 OCT
STATION STATION NAME YEARS MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	8.6	4.2	1.2	.1							19.8	5.4
NNE	2.4	5.8	7.6	1.9	.0							17.7	7.0
NE	1.6	4.9	3.8	.7	.0							11.1	6.3
ENE	.7	1.1	1.0	.1	.1	.0						2.9	6.3
E	.4	.6	.5	.1								1.6	5.8
ESE	.1	.3	.2	.2								.7	7.0
SE		.3	.2	.0								.6	6.5
SSE	.1	.2	.3	.0								.7	6.9
S	.2	.3	.4	.0	.0		.0					1.1	7.3
SSW	.2	.3	.6	.1			.0					1.2	8.4
SW	.3	.7	.7	.1								1.7	5.8
WSW	.3	.6	.8	.1								1.8	6.2
W	1.1	1.6	1.4	.0								4.2	5.5
WNW	1.2	1.3	.8	.1								3.4	4.9
NW	1.5	1.4	.6	.0								3.4	4.5
NNW	3.2	2.5	1.2	.5								7.4	4.9
VARBL													
CALM												20.7	
	19.1	30.4	24.3	5.1	.3	.0	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2582

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.0	6.3	2.6	.3							15.4	7.6
NNE	1.2	4.4	7.9	3.6	.0							17.3	8.2
NE	1.5	4.8	6.7	1.5								14.5	7.3
ENE	.5	2.3	4.0	.5	.0							7.3	7.4
E	.8	2.2	3.2	.7								6.9	7.2
ESE	.4	.9	1.8	.3								3.4	7.5
SE	.3	.7	.7	.1								1.9	6.7
SSE	.3	.5	.9	.2								1.9	6.8
S	.5	.8	1.2	.5								3.1	7.3
SSW	.2	.4	.5	.3	.0	.1	.0					1.6	9.6
SW	.5	.4	.8	.3	.0							2.0	7.3
WSW	.4	.8	.8	.7								2.7	7.6
W	.9	1.5	2.2	.5	.0							5.1	6.8
WNW	.9	1.2	1.5	.4								4.0	6.4
NW	.8	.9	1.1	.2								2.9	6.3
NNW	.9	2.0	1.8	1.2								5.9	7.3
VARDL													
CALM												4.0	
	12.4	27.8	41.3	13.8	.5	.1	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2586

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

DCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.5	4.9	2.1	.3	.0						10.3	8.8
NNE	.5	2.8	4.4	2.0	.0							9.8	8.2
NE	.5	1.7	3.5	1.0	.0							6.7	7.8
ENE	.2	1.3	2.8	1.2								5.5	8.4
E	.7	3.2	6.8	1.9								12.6	7.9
ESE	.5	2.8	5.0	.8								9.1	7.5
SE	.5	2.6	3.3	.5								7.0	6.9
SSE	.4	1.9	2.5	.7								5.6	7.2
S	.3	2.4	4.5	1.5	.1							8.7	8.2
SSW	.3	.5	1.1	1.3	.1		.0					3.3	10.2
SW	.1	.3		.6								1.4	9.1
WSW	.1	.6	1.0	.9								2.6	9.0
W	.4	.9	1.9	.9	.1							4.2	8.4
WNW	.2	1.1	1.4	.4								3.2	7.6
NW	.5	.7	1.4	.6								3.2	7.5
NNW	.6	1.6	2.1	1.5	.0							5.8	8.2
VARBL													
CALM												1.1	
	6.3	26.9	46.9	18.0	.7	.0	.0					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2584

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

GCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	3.6	2.0	.1							9.2	6.1
NNE	1.2	2.9	3.6	1.1								8.9	7.1
NE	.9	1.9	1.9	.6								5.2	6.6
ENE	.5	1.3	2.2	.6	.0	.0						4.7	7.8
E	1.4	3.4	4.8	1.1	.0							10.8	7.1
ESE	1.2	3.3	4.3	.5								9.2	6.5
SE	1.2	3.3	2.2	.1								7.0	5.7
SSE	1.2	2.7	1.9	.3								6.0	5.8
S	1.4	3.9	4.8	1.5								11.6	7.0
SSW	.5	1.5	2.1	1.3	.1							5.5	8.2
SW	.2	.7	1.2	.5								2.6	7.9
WSW	.2	.4	.7	.5								1.9	8.5
W	.5	.5	1.4	.6								3.1	7.7
WNW	.4	1.0	1.4	.3								3.1	7.2
NW	.2	1.5	1.3	.4								3.4	7.1
NNW	.7	1.5	1.4	.5	.0							4.1	6.8
VARBL												3.9	
CALM													
	12.3	32.9	38.6	12.0	.3	.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2583

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.3	1.3	1.1	.2							8.8	5.8
NNE	2.4	3.6	2.6	.7	.0							9.3	5.9
NE	1.7	2.5	1.8	.4	.1							6.6	5.9
ENE	1.4	1.8	1.2	.4	.0	.0	.0					5.0	6.1
E	2.3	2.3	2.1	.5								7.1	5.5
ESE	.7	1.0	.9	.1								2.6	5.7
SE	.8	.6	.4									1.8	4.3
SSE	.5	.7	.5	.1								1.9	5.5
S	1.7	1.2	1.1	.4								4.4	5.6
SSW	1.7	1.4	1.1	.2			.0					4.5	5.3
SW	1.4	1.6	1.2	.3								4.5	5.6
WSW	1.1	.9	.7	.1								2.9	5.1
W	.8	.6	.2	.0								1.7	4.0
WNW	.3	.5	.3	.1								1.1	5.8
NW	.8	.4	.2	.1								1.5	4.3
NNW	1.0	1.0	.6	.2								2.9	5.4
VARBL													
CALM												33.3	
	21.7	23.6	16.3	4.7	.3	.0	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

2577

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	3.3	1.3	1.2	.0							10.3	5.5
NNE	2.6	4.6	4.1	.7								12.1	6.1
NE	2.1	3.3	3.1	.5								9.0	6.1
ENE	.5	1.4	.9	.4		.0	.0	.0				3.4	6.9
E	.5	.9	1.1	.1								2.6	6.2
ESE	.4	.5	.5	.0								1.3	5.7
SE	.3	.4	.0	.0								.8	4.6
SSE	.4	.5	.5	.1								1.5	5.7
S	.5	.7	.5	.2								2.0	6.1
SSW	.9	1.1	.6	.2	.0							2.8	5.4
SW	1.4	1.2	.8	.2								3.6	5.1
WSW	1.0	2.0	1.0	.2								4.1	5.3
W	1.3	.9	.4	.1								2.6	4.4
WNW	.4	.4	.4									1.3	5.0
NW	.7	.4	.5	.0								1.6	5.3
NNW	1.1	1.4	.7	.2								3.4	5.4
VARBL													
CALM												37.5	
	18.0	23.1	17.0	4.2	.1	.0	.0	.0				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2560

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 35	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	5.2	2.0	.8	.1	.1						11.7	5.5
NNE	1.7	3.0	2.8	.3								8.1	6.1
NE	1.1	2.7	1.7	.2	.0							5.7	5.8
ENE	.6	1.0	.4	.0								2.1	5.1
E	.2	1.0	.6	.1								1.9	6.1
ESE	.2	.6	.3	.0								1.1	5.6
SE	.2	.2	.3									.7	5.7
SSE	.4	.5	.3									1.1	4.7
S	.4	.5	.5	.2								1.6	6.0
SSW	.4	.7	.9	.6	.0							2.5	7.7
SW	1.5	1.0	1.2	.9	.1							4.7	6.8
WSW	1.2	1.4	1.4	.3								4.3	6.1
W	1.7	2.9	2.3	.2								7.2	5.7
WNW	.7	1.7	1.6	.6	.0							4.5	6.9
NW	1.4	1.6	1.2	.4	.0							4.7	5.8
NNW	2.4	2.2	.9	.6	.0							6.2	5.5
VARBL													
CALM												32.0	
	17.6	26.2	18.4	5.4	.4	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2515

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	6.0	2.0	.9	.1							14.3	5.0
NNE	1.6	3.2	3.1	.5								8.4	6.1
NE	1.4	2.7	1.6	.1								5.8	5.4
ENE	.4	.7	.3									1.4	4.8
E	.4	1.0	.1	.2								1.7	5.6
ESE	.1	.5	.3	.0								.9	6.1
SE	.1	.1	.3	.0								.5	7.3
SSE	.2	.4	.3	.0								.9	5.6
S	.3	.4	.5	.3								1.6	7.2
SSW	.5	.6	.8	.2								2.1	6.6
SW	.6	1.1	1.2	.4	.1							3.3	7.0
WSW	1.0	1.1	1.0	.4								3.6	6.3
W	2.0	3.4	1.7	.3								7.5	5.4
WNW	1.2	2.3	1.3	.5	.0							5.2	6.0
NW	2.1	1.8	1.5	.4								5.8	5.6
NNW	2.7	3.1	1.4	.6								7.7	5.2
VARBL													
CALM												29.2	
	20.0	28.2	17.4	5.0	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2515

2

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USAFETAC FORM 08-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

ALL WEATHER

0900-1100

CLASS

MOSS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.1	5.5	2.3	.1							14.5	7.2
NNE	1.1	3.5	5.2	2.2	.1							12.1	7.9
NE	1.1	3.0	4.0	.8								8.8	7.0
ENE	.6	2.3	2.2	.3	.0							5.4	6.8
E	.5	1.9	2.3	.3								5.1	6.8
ESE	.3	1.0	.7	.1								2.2	6.0
SE	.5	.5	.5	.1								1.5	5.6
SSE	.5	.7	.9	.2								2.2	6.6
S	.2	1.0	1.3	.8								3.3	8.1
SSW	.3	.3	1.1	.3								2.0	7.5
SW	.2	.5	1.7	.8	.1							3.3	9.4
WSW	.3	1.4	1.4	1.0								4.1	8.1
W	1.2	2.6	3.3	2.2	.1							9.3	8.0
WNW	.6	1.8	2.2	1.2	.0							5.8	7.9
NW	1.0	2.2	2.4	1.2								6.7	7.4
NNW	1.1	2.5	2.8	1.6	.2							8.2	7.7
VARBL													
CALM												5.2	
	12.1	29.2	37.5	15.3	.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2599

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NDV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	4.5	2.2	.1							10.5	8.1
NNE	.7	2.0	3.4	1.2	.0							7.2	7.8
NE	.5	1.3	1.0	.3								4.0	6.9
ENE	.3	1.3	1.9	.6								4.1	7.7
E	.4	2.0	3.9	.8								7.1	7.8
ESE	.5	2.7	3.2	.2								6.5	6.7
SSE	.7	2.6	1.8	.2								5.3	6.1
S	.6	2.9	2.2	.5								6.2	6.7
SSW	.4	2.3	4.2	2.1	.0							9.0	8.5
SW	.1	.6	1.5	1.8	.1							4.1	10.1
WSW	.0	.5	1.2	1.0	.2							2.9	10.3
W	.2	1.1	1.2	.8	.1	.0						3.4	8.5
WNW	.3	1.8	3.1	2.6	.2							8.0	9.2
NW	.4	.6	2.6	2.2	.2							6.2	9.6
NNW	.2	1.7	2.6	1.4	.4							6.4	9.1
VARBL	.6	1.7	3.4	1.9	.1							7.6	8.5
CALM												1.5	
	6.8	28.0	42.4	19.0	1.3	.0						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2596

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	3.3	.9	.0							8.2	6.9
NNE	.9	2.4	2.5	.3								6.1	6.4
NE	.3	1.1	1.1	.2								2.7	6.5
ENE	.7	1.6	1.4	.6								4.2	6.9
E	1.2	2.2	2.6	.4								6.3	6.3
ESE	1.3	2.7	1.6	.1								5.7	5.4
SE	1.6	2.4	.8	.1								4.9	4.8
SSE	1.2	3.4	1.5	.1								6.2	5.5
S	1.8	4.5	4.3	.8								11.6	6.5
SSW	.6	1.6	3.4	1.7	.1	.0						7.4	8.5
SW	.6	1.0	1.3	.7	.0							3.9	7.3
WSW	.4	.5	1.0	.4								2.4	7.5
W	.9	1.5	2.9	1.0	.1							6.4	7.7
WNW	.5	1.2	2.3	1.1								5.1	8.2
NW	.6	2.0	1.8	1.1	.2							5.6	7.9
NNW	.7	2.2	2.7	1.0	.1	.0						6.6	7.5
VARBL													
CALM												6.8	
	15.0	32.8	34.5	10.4	.5	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

2595

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BLACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.7	1.0	.5	.1							7.6	5.4
NNE	1.4	2.2	1.3	.3	.0							5.2	5.7
NE	1.0	1.8	.7	.3								3.8	5.6
ENE	1.0	1.5	1.2	.1								3.8	5.8
E	.8	1.8	1.2	.2								3.9	5.7
ESE	.5	.7	.6									1.8	5.1
SE	.4	.5	.3	.0								1.3	5.2
SSE	.6	.8	.5	.1								2.0	5.2
S	1.1	1.9	.9	.2								4.2	5.4
SSW	1.6	2.1	2.2	.5	.2							6.5	6.5
SW	1.4	1.5	1.5	.5								5.1	6.1
WSW	1.0	1.2	.7	.3								3.2	5.7
W	1.7	1.6	1.1	.3	.0							4.8	5.4
WNW	.8	1.0	.9	.3	.1							3.0	6.7
NW	1.0	.9	.9	.4	.0							3.1	6.3
NNW	1.9	1.0	.5	.3	.1							3.8	5.0
VARBL													
CALM												37.0	
	18.9	23.1	16.1	4.4	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

2584

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.5	1.5	.9	.0							9.8	5.3
NNE	1.3	2.4	1.8	.7	.0							6.2	6.3
NE	1.1	2.2	1.4	.1								4.9	5.5
ENE	.8	1.1	.7	.1								2.6	5.3
E	.5	1.4	1.1									3.1	5.7
ESE	.5	.6	.4	.0								1.5	5.3
SE	.1	.2	.4	.1								.8	6.9
SSE	.3	.5	.3									1.1	5.2
S	.8	.6	1.0	.3								2.7	6.1
SSW	.6	1.2	1.3	.5	.2							3.9	7.0
SW	1.8	1.7	1.5	.5								5.4	5.9
WSW	1.2	2.0	1.1	.3	.0							4.7	5.7
W	1.7	2.2	1.6	.4								5.9	5.6
WNW	.6	1.0	1.4	.8	.0							3.7	7.6
NW	.6	.7	1.4	.3	.0							3.1	7.2
NNW	1.8	1.3	.8	.2	.0							4.2	5.1
VARBL													
CALM												36.3	
	17.8	22.5	17.8	5.2	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

OFC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.1	2.3	.5								11.0	5.1
NNE	1.6	2.4	2.7	.5								7.3	6.2
NE	1.6	2.5	2.3	.2								6.6	5.8
ENE	.7	1.1	.7	.2								2.6	5.7
E	.4	1.0	.4	.1								1.9	5.6
ESE	.1	.2	.4	.0								.8	6.5
SE	.3	.2	.1									.6	4.9
SSE	.3	.5	.2	.1								1.1	5.6
S	1.0	1.3	1.0	.2								3.4	5.7
SSW	.4	.9	.9	.7	.0							2.9	7.8
SW	1.2	1.1	1.0	.4	.2	.0						4.0	6.9
WSW	1.7	1.7	1.7	.5	.0	.0						5.8	6.0
W	2.1	3.2	1.9	.5	.1							7.8	5.8
WNW	.8	1.6	1.4	.2								4.0	6.1
NW	1.1	1.8	1.4	.4	.1							4.7	6.2
NNW	2.6	2.3	1.3	.5	.1							6.8	5.4
VARBL													
CALM												28.8	
	19.9	25.9	19.8	4.9	.6	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

2602

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	5.2	2.4	.6								12.3	5.1
NNE	1.5	4.0	2.9	.3								8.9	6.0
NE	1.1	2.5	2.0	.4								6.1	6.2
ENE	.5	.7	.9	.1								2.2	6.4
E	.2	.6	.6	.1								1.4	6.3
ESE	.1	.4	.2	.0								.7	6.4
SE	.2	.0	.0									.3	3.4
SSE	.2	.3	.4	.1								1.0	6.9
S	.6	1.1	1.2	.2	.0							3.1	6.7
SSW	.2	.5	.8	.5	.1							2.1	8.3
SW	.7	1.0	.9	.3		.0						3.0	6.4
WSW	1.2	2.0	1.9	.6	.2	.0						6.0	6.9
W	2.0	4.4	1.9	.5	.1							8.9	5.7
WNW	1.0	1.8	.8	.4								4.0	5.7
NW	1.5	1.7	1.6	.5								5.3	6.0
NNW	2.6	2.6	1.5	.7	.1							7.4	5.6
VAR.													
CALM												27.3	
	17.8	29.1	20.0	5.3	.5	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	5.0	2.8	.9								12.6	5.5
NNE	2.0	3.4	3.7	.6	.1							9.8	5.3
NE	1.5	2.5	2.2	.5								6.7	6.1
ENE	.4	.3	.8	.2								1.7	6.9
E	.4	.7	.6	.1	.1	.0						1.9	6.5
ESE	.2	.3	.3	.0								.9	6.4
SE	.1	.2	.2									.5	5.3
SSE	.2	.3	.4	.3								1.1	7.4
S	.6	1.1	1.0	.2								2.9	6.0
SSW	.3	1.0	.7	.4	.0							2.3	7.2
SW	.5	1.2	.9	.3	.1							2.9	6.8
WSW	.9	1.8	1.6	.5	.0							4.9	6.5
W	2.5	3.9	2.0	.8	.2							9.3	5.9
WNW	1.6	1.4	1.4	.5	.1							4.9	6.2
NW	1.6	1.9	1.5	.3								5.3	5.6
NNW	2.8	2.1	1.6	.4								6.9	5.1
VARBL													
CALM												25.4	
	19.3	27.2	21.6	5.9	.6	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2654

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.6	4.8	2.5	.2							14.3	7.4
NNE	.9	3.0	4.2	1.3	.1							9.6	7.6
NE	1.2	3.3	3.1	1.2	.0							8.9	7.0
ENE	.9	1.7	1.6	.3	.0							4.6	6.6
E	.8	1.4	1.4	.4		.0						4.1	6.7
ESE	.4	.8	.4	.0	.0							1.6	5.7
SE	.5	.6	.6	.1								1.8	5.7
SSE	.2	.7	.6	.1								1.6	6.6
S	.7	1.2	1.4	.6	.0							3.9	7.1
SSW	.4	1.0	1.4	.6	.0							3.6	7.9
SW	.4	.9	.9	.6	.0							2.9	7.6
WSW	.4	1.2	2.0	.9	.1							4.7	8.1
W	1.4	3.1	3.4	1.7	.3	.0						10.0	7.7
WNW	.9	2.0	2.5	1.1	.1							6.6	7.6
NW	1.0	2.2	2.5	.8	.1							6.6	7.1
NNW	1.7	2.2	2.1	1.2	.0							7.2	6.9
VARBL													
CALM												8.0	
	14.0	29.9	33.2	13.7	1.2	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.3	5.2	2.3	.1							11.8	8.3
NNE	.4	1.2	3.2	.9	.0							5.7	8.3
NE	.7	1.5	1.7	.7	.1							4.8	7.4
ENE	.3	1.2	1.3	.4								3.3	7.2
E	.9	2.0	3.1	.6								6.6	6.9
ESE	.5	2.1	1.7	.2								4.5	6.4
SE	.9	1.9	1.1	.1								4.0	5.4
SSE	.4	2.7	1.9	.1								5.1	6.2
S	.7	2.8	4.6	1.2	.0							9.3	7.6
SSW	.1	.9	2.3	1.7	.1							5.0	9.6
SW	.4	.8	1.1	1.0	.6	.0						3.3	8.8
WSW	.3	.6	2.2	1.6	.3	.0						4.9	9.9
W	.4	1.9	2.6	2.1	.4	.0	.1					7.5	9.4
WNW	.4	1.5	3.0	1.5	.1	.0						6.6	8.6
NW	.9	1.7	2.9	1.6	.0							7.0	8.0
NNW	.4	2.0	3.5	1.8	.0							7.8	8.5
VARBL													
CALM												2.6	
	3.6	28.1	41.4	17.8	1.3	.1	.1					109.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2588

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717

STATION

MYRTLE BEACH AFB SOUTH CAROLINA

STATION NAME

42-46,49-72

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.3	4.3	1.1	.0							10.2	7.0
NNE	.6	2.3	2.2	.6	.0	.0						5.8	7.0
NE	.6	1.3	1.1	.3								3.3	6.3
ENE	.4	1.2	1.2	.2								3.0	6.6
E	1.2	2.4	2.0	.6								6.3	6.3
ESE	.9	1.6	.8	.2								3.5	5.4
SE	1.2	2.0	.7	.0								3.9	4.6
SSE	1.7	2.9	.7	.1								5.4	4.9
S	2.3	5.8	3.9	.6								12.7	6.0
SSW	.8	2.1	2.2	1.7	.2	.0						7.0	8.1
SW	.0	1.2	1.5	.5	.1							3.9	7.4
WSW	.3	.8	1.3	.6			.0					3.0	8.0
W	.9	2.0	2.7	1.3	.1	.0						7.0	8.0
WNW	.6	1.9	2.0	1.2	.2	.1						6.0	9.3
NW	.7	1.8	2.2	.7	.1							5.5	7.3
NNW	.6	2.6	2.9	.9	.2							7.3	7.5
VARBL													
CALM												6.1	
	15.1	35.3	31.7	10.4	1.0	.2	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2685

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.7	1.8	.3								9.0	4.9
NNE	1.3	2.3	1.2	.4								5.2	5.8
NE	.7	1.6	1.3	.3								3.8	6.1
ENE	.7	1.3	1.5	.2								3.7	6.3
E	.9	1.3	1.4	.5								4.1	6.6
ESE	.4	.4	.2	.0								1.2	4.8
SE	.6	.6	.2	.0								1.4	4.4
SSE	.8	.6	.1									1.5	3.8
S	1.8	2.2	1.2	.4	.0							5.6	5.4
SSW	1.0	2.0	1.8	.7	.0							5.5	6.8
SW	1.8	1.9	1.6	.7	.1							6.2	6.4
WSW	1.2	1.7	1.1	.1		.0						4.1	5.7
W	2.1	1.9	1.4	.6	.1							6.2	6.0
WNW	.6	1.1	.5	.5								2.7	6.5
NW	.9	1.2	.7	.4								3.3	6.0
NNW	1.5	1.4	1.2	.2	.1							4.4	5.8
VARBL													
CALM												32.2	
	19.5	25.2	17.2	5.5	.4	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2678

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.0	1.9	.6		.0						8.8	5.3
NNE	1.2	2.3	1.7	.3								5.4	5.8
NE	.9	2.7	2.0	.1								5.6	6.0
ENE	.7	1.6	1.2	.3	.0							3.8	6.2
E	.7	1.0	1.3	.3								3.2	6.6
ESE	.1	.4	.5									1.0	6.2
SE	.2	.4	.2									.9	5.2
SSE	.6	.5	.2									1.3	4.3
S	1.2	1.2	.9	.3	.0							3.5	5.8
SSW	.7	.9	1.2	.4	.0	.0						3.4	7.1
SW	1.2	1.5	1.7	.7	.1	.0						5.3	7.1
WSW	1.8	2.3	1.5	.5	.0							6.2	5.9
W	2.5	2.5	1.6	.7	.0	.1						7.3	5.8
WNW	.8	.7	1.1	.6								3.3	6.9
NW	.9	1.1	.9	.4								5.3	6.4
NNW	2.0	1.7	1.5	.6	.1	.0						5.9	6.1
VARBL													
CALM												31.0	
	18.8	23.7	19.3	5.7	.4	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2674

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-47, 49-72
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.4	4.8	1.7	.2	.0	.0	.0				13.7	6.9
NNE	1.8	3.7	4.4	1.8	.1	.0	.0					11.9	7.4
NE	1.5	3.2	3.4	1.1	.1	.0						9.2	6.9
ENE	.6	1.5	2.1	1.0	.1	.0						5.3	7.9
E	.7	1.4	2.1	1.1	.1	.0	.0					5.5	8.1
ESE	.5	.8	1.1	.4	.0	.0						2.8	7.4
SE	.4	.6	.7	.2	.0	.0						2.0	6.9
SSE	.5	.6	.7	.3	.1	.0						2.2	7.3
S	.7	1.3	1.7	.9	.1	.1	.0					4.8	8.1
SSW	.4	.8	1.4	1.1	.3	.1	.0					4.0	9.4
SW	.7	.9	1.0	.7	.1	.0						3.4	7.7
WSW	.6	.8	.8	.4	.1	.0	.0					2.8	7.2
W	1.0	1.3	1.3	.5	.1	.0						4.2	6.6
WNW	.6	1.1	1.2	.5	.0	.0						3.4	7.2
NW	1.0	1.5	1.6	.5	.1	.0	.0					4.6	6.9
NNW	1.3	2.0	2.3	.9	.1		.0	.0				6.6	7.1
VARBL													
CALM												13.7	
	14.8	25.9	30.6	13.0	1.6	.3	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

24816

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-47,49-72
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	52.1	54.8	56.2	57.1	57.3	57.7	57.9	57.9	58.2	58.3	58.3	58.5	58.6	58.7	58.9
IV 20000	24.9	59.0	62.0	63.5	64.6	64.8	65.3	65.5	65.5	65.8	65.9	65.9	66.1	66.2	66.4	66.5
IV 18000	25.0	59.4	62.4	64.0	65.1	65.2	65.7	65.9	66.0	66.2	66.4	66.4	66.6	66.6	66.8	67.0
IV 16000	25.1	59.7	62.8	64.4	65.5	65.6	66.1	66.3	66.4	66.6	66.8	66.8	67.0	67.0	67.2	67.4
IV 14000	25.6	61.1	64.2	65.8	67.0	67.1	67.6	67.8	67.8	68.1	68.3	68.3	68.5	68.5	68.7	68.9
IV 12000	26.4	63.2	66.5	68.2	69.4	69.5	70.0	70.2	70.3	70.5	70.7	70.7	70.9	71.0	71.1	71.3
IV 10000	27.2	65.9	69.4	71.1	72.4	72.5	73.0	73.2	73.3	73.6	73.7	73.7	73.9	74.0	74.2	74.4
IV 9000	27.4	66.6	70.1	71.9	73.2	73.3	73.8	74.0	74.1	74.4	74.5	74.6	74.8	74.8	75.0	75.2
IV 8000	27.8	68.4	72.1	73.9	75.2	75.3	75.9	76.1	76.2	76.4	76.6	76.6	76.8	76.9	77.1	77.3
IV 7000	28.1	69.7	73.5	75.4	76.7	76.9	77.4	77.7	77.7	78.0	78.2	78.2	78.4	78.4	78.6	78.8
IV 6000	28.4	70.8	74.7	76.6	78.0	78.2	78.8	79.0	79.0	79.3	79.5	79.5	79.7	79.8	80.0	80.2
IV 5000	28.8	72.2	76.2	78.2	79.7	79.9	80.5	80.7	80.7	81.0	81.2	81.2	81.4	81.5	81.7	81.9
IV 4500	28.9	72.6	76.7	78.7	80.2	80.3	81.0	81.2	81.2	81.6	81.7	81.7	81.9	82.0	82.2	82.4
IV 4000	29.2	73.8	78.0	80.1	81.6	81.8	82.4	82.6	82.7	83.0	83.2	83.2	83.4	83.5	83.7	83.9
IV 3500	29.5	74.6	78.9	81.0	82.5	82.7	83.4	83.6	83.7	84.0	84.2	84.2	84.4	84.5	84.7	84.9
IV 3000	29.9	75.7	80.1	82.4	84.0	84.2	84.8	85.1	85.2	85.5	85.7	85.7	85.9	86.0	86.1	86.4
IV 2500	30.2	76.7	81.3	83.6	85.2	85.5	86.2	86.4	86.5	86.8	87.0	87.0	87.2	87.3	87.5	87.7
IV 2000	30.5	78.1	82.8	85.3	87.0	87.2	88.0	88.3	88.3	88.7	88.9	88.9	89.1	89.2	89.4	89.6
IV 1800	30.6	78.5	83.2	85.7	87.4	87.7	88.4	88.7	88.8	89.1	89.3	89.3	89.5	89.6	89.8	90.0
IV 1500	30.8	79.4	84.3	86.8	88.7	88.9	89.7	90.0	90.1	90.5	90.6	90.7	90.9	90.9	91.1	91.3
IV 1200	31.0	80.3	85.4	88.0	90.0	90.2	91.1	91.4	91.4	91.8	92.0	92.0	92.3	92.3	92.5	92.7
IV 1000	31.1	81.0	86.2	89.0	91.1	91.3	92.2	92.6	92.6	93.1	93.3	93.3	93.5	93.6	93.8	94.0
IV 900	31.1	81.3	86.5	89.3	91.4	91.7	92.7	93.0	93.1	93.5	93.7	93.7	94.0	94.0	94.2	94.4
IV 800	31.1	81.6	87.0	89.9	92.1	92.3	93.3	93.7	93.8	94.2	94.5	94.5	94.7	94.8	95.0	95.2
IV 700	31.2	81.8	87.3	90.3	92.6	92.9	94.0	94.3	94.4	94.9	95.1	95.1	95.4	95.4	95.6	95.8
IV 600	31.2	82.1	87.7	90.8	93.2	93.5	94.6	95.1	95.2	95.6	95.9	95.9	96.1	96.2	96.4	96.6
IV 500	31.2	82.3	88.0	91.2	93.7	94.1	95.3	95.8	95.9	96.5	96.7	96.7	97.0	97.1	97.3	97.5
IV 400	31.2	82.4	88.2	91.5	94.1	94.5	95.9	96.4	96.5	97.1	97.4	97.4	97.7	97.8	98.0	98.2
IV 300	31.2	82.5	88.3	91.6	94.3	94.8	96.3	96.9	97.0	97.7	98.0	98.0	98.3	98.4	98.6	98.8
IV 200	31.2	82.5	88.3	91.6	94.4	94.8	96.4	97.1	97.2	98.0	98.3	98.4	98.7	98.8	99.1	99.3
IV 100	31.2	82.5	88.3	91.6	94.4	94.9	96.4	97.1	97.3	98.0	98.4	98.5	98.9	99.0	99.4	99.7
IV 0	31.2	82.5	88.3	91.6	94.4	94.9	96.4	97.1	97.3	98.0	98.4	98.5	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 247129

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.9	44.6	47.0	48.3	49.3	49.4	49.9	50.1	50.1	50.4	50.6	50.6	50.9	50.9	51.0	51.2
≥ 20000	21.3	50.0	52.7	54.1	55.1	55.2	55.8	56.0	56.0	56.3	56.5	56.5	56.8	56.9	57.0	57.2
IV 18000	21.4	50.4	53.1	54.5	55.5	55.7	56.2	56.4	56.5	56.7	56.9	56.9	57.2	57.3	57.4	57.6
IV 16000	21.4	50.7	53.4	54.8	55.9	56.0	56.6	56.8	56.8	57.1	57.2	57.3	57.6	57.6	57.7	57.9
IV 14000	22.0	51.9	54.7	56.1	57.2	57.3	57.9	58.1	58.1	58.4	58.6	58.6	58.9	58.9	59.0	59.3
IV 12000	22.4	53.6	56.5	57.9	59.0	59.2	59.8	60.0	60.0	60.3	60.4	60.5	60.8	60.8	60.9	61.2
IV 10000	23.2	56.1	59.1	60.6	61.7	61.8	62.4	62.6	62.7	63.0	63.1	63.1	63.5	63.5	63.6	63.9
IV 9000	23.4	56.8	59.8	61.3	62.4	62.6	63.2	63.4	63.4	63.7	63.9	63.9	64.2	64.3	64.4	64.6
IV 8000	23.9	58.4	61.6	63.2	64.4	64.6	65.2	65.4	65.5	65.8	65.9	65.9	66.3	66.3	66.4	66.7
IV 7000	24.4	60.5	63.9	65.5	66.8	67.0	67.6	67.8	67.9	68.2	68.4	68.4	68.7	68.8	68.9	69.1
IV 6000	25.0	62.6	66.2	67.9	69.2	69.4	70.0	70.2	70.3	70.6	70.8	70.8	71.1	71.2	71.3	71.5
IV 5000	25.5	64.8	68.6	70.5	71.8	72.0	72.7	73.0	73.0	73.4	73.6	73.6	73.9	74.0	74.1	74.3
IV 4500	25.8	65.3	69.2	71.1	72.5	72.7	73.4	73.7	73.7	74.1	74.3	74.3	74.6	74.7	74.8	75.1
IV 4000	26.0	66.6	70.5	72.5	73.9	74.1	74.9	75.2	75.2	75.6	75.8	75.8	76.2	76.2	76.4	76.6
IV 3500	26.3	67.4	71.5	73.5	75.0	75.2	76.0	76.3	76.3	76.7	76.9	76.9	77.3	77.3	77.4	77.7
IV 3000	26.5	68.4	72.6	74.7	76.3	76.5	77.3	77.6	77.6	78.0	78.2	78.2	78.6	78.7	78.8	79.1
IV 2500	26.7	69.4	73.9	76.1	77.7	78.0	78.8	79.1	79.1	79.5	79.8	79.8	80.2	80.2	80.4	80.6
IV 2000	26.9	70.8	75.4	77.8	79.6	79.8	80.7	81.1	81.1	81.5	81.7	81.7	82.1	82.2	82.3	82.6
IV 1800	27.1	71.1	75.8	78.2	80.0	80.3	81.2	81.5	81.6	82.0	82.2	82.2	82.6	82.7	82.8	83.1
IV 1500	27.3	72.0	76.8	79.3	81.2	81.5	82.5	82.8	82.9	83.3	83.5	83.6	83.9	84.0	84.1	84.4
IV 1200	27.3	73.1	78.1	80.6	82.7	82.9	84.0	84.4	84.4	84.9	85.1	85.1	85.5	85.6	85.7	86.0
IV 1000	27.4	73.9	79.1	81.9	84.1	84.4	85.5	85.9	86.0	86.5	86.7	86.7	87.1	87.2	87.3	87.6
IV 900	27.4	74.2	79.6	82.4	84.7	85.1	86.3	86.7	86.7	87.2	87.5	87.5	87.9	88.0	88.1	88.4
IV 800	27.5	74.7	80.2	83.2	85.6	86.0	87.3	87.7	87.8	88.4	88.6	88.6	89.0	89.1	89.3	89.5
IV 700	27.5	75.1	80.8	83.9	86.5	86.9	88.3	88.8	88.9	89.5	89.7	89.8	90.2	90.2	90.4	90.7
IV 600	27.5	75.5	81.3	84.6	87.5	88.0	89.6	90.2	90.3	90.9	91.2	91.3	91.7	91.8	91.9	92.2
IV 500	27.5	75.9	81.9	85.5	88.7	89.3	91.1	91.9	92.0	92.7	93.1	93.1	93.6	93.6	93.8	94.1
IV 400	27.5	76.1	82.3	86.1	89.5	90.2	92.4	93.3	93.5	94.4	94.8	94.8	95.3	95.4	95.5	95.8
IV 300	27.5	76.2	82.5	86.4	90.0	90.8	93.2	94.3	94.6	95.6	96.1	96.1	96.7	96.8	97.0	97.3
IV 200	27.5	76.2	82.6	86.5	90.2	91.0	93.6	94.9	95.2	96.4	97.1	97.1	97.8	97.9	98.3	98.6
IV 100	27.5	76.2	82.6	86.5	90.2	91.0	93.7	95.0	95.3	96.5	97.3	97.3	98.1	98.3	98.8	99.3
IV 0	27.5	76.2	82.6	86.5	90.2	91.0	93.7	95.0	95.3	96.6	97.3	97.3	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

ALL
HOURS (SST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.1	47.3	49.9	51.3	52.4	52.5	52.9	53.0	53.0	53.3	53.5	53.5	53.7	53.8	53.9	54.1
≥ 20000	20.3	52.8	55.8	57.4	58.5	58.7	59.1	59.3	59.3	59.7	59.8	59.8	60.1	60.2	60.3	60.5
IV 18000	20.4	53.4	56.4	58.0	59.1	59.2	59.7	59.9	59.9	60.3	60.4	60.4	60.7	60.8	60.9	61.1
IV 16000	20.4	53.8	56.9	58.5	59.6	59.7	60.2	60.3	60.4	60.7	60.9	60.9	61.2	61.3	61.4	61.6
IV 14000	20.6	54.9	58.0	59.6	60.8	60.9	61.3	61.5	61.6	61.9	62.0	62.1	62.4	62.4	62.5	62.8
IV 12000	21.2	56.8	60.0	61.7	62.9	63.0	63.5	63.6	63.7	64.1	64.2	64.2	64.5	64.6	64.7	64.9
IV 10000	21.9	59.2	62.6	64.3	65.6	65.8	66.2	66.4	66.5	66.8	67.0	67.0	67.3	67.4	67.5	67.7
IV 9000	22.1	59.8	63.3	65.1	66.4	66.6	67.1	67.2	67.3	67.7	67.8	67.8	68.1	68.2	68.3	68.5
IV 8000	22.5	61.6	65.3	67.1	68.5	68.7	69.2	69.4	69.4	69.8	70.0	70.0	70.3	70.3	70.5	70.7
IV 7000	22.8	62.9	66.7	68.6	70.1	70.2	70.8	71.0	71.0	71.4	71.6	71.6	71.9	71.9	72.1	72.3
IV 6000	23.1	64.2	68.2	70.2	71.8	71.9	72.5	72.7	72.8	73.2	73.3	73.4	73.7	73.7	73.9	74.1
IV 5000	23.5	66.0	70.1	72.3	73.9	74.1	74.7	75.0	75.0	75.4	75.6	75.6	75.9	76.0	76.1	76.4
IV 4500	23.7	66.7	70.9	73.1	74.7	74.9	75.5	75.8	75.9	76.3	76.4	76.5	76.8	76.8	77.0	77.2
IV 4000	24.0	68.1	72.5	74.8	76.6	76.8	77.5	77.7	77.8	78.2	78.4	78.4	78.7	78.8	78.9	79.2
IV 3500	24.4	69.2	73.6	76.0	77.9	78.0	78.7	79.0	79.1	79.6	79.7	79.7	80.1	80.1	80.3	80.5
IV 3000	24.7	70.4	75.1	77.6	79.5	79.7	80.4	80.7	80.8	81.3	81.4	81.5	81.8	81.9	82.0	82.3
IV 2500	24.9	71.4	76.2	78.8	80.8	81.0	81.9	82.2	82.2	82.7	82.9	82.9	83.2	83.3	83.5	83.7
IV 2000	25.1	72.7	77.7	80.4	82.6	82.8	83.7	84.0	84.1	84.6	84.8	84.8	85.2	85.2	85.4	85.6
IV 1800	25.2	73.0	78.1	80.8	83.0	83.2	84.1	84.5	84.6	85.0	85.2	85.3	85.6	85.7	85.8	86.1
IV 1500	25.3	73.9	79.2	82.0	84.3	84.6	85.5	85.9	86.0	86.5	86.6	86.7	87.0	87.1	87.2	87.5
IV 1200	25.4	74.6	80.1	83.0	85.5	85.7	86.7	87.1	87.2	87.7	87.9	87.9	88.3	88.3	88.5	88.8
IV 1000	25.5	75.6	81.2	84.3	86.8	87.1	88.2	88.6	88.7	89.3	89.4	89.5	89.8	89.9	90.1	90.3
IV 900	25.5	75.8	81.5	84.7	87.3	87.6	88.7	89.1	89.2	89.8	90.0	90.0	90.4	90.4	90.6	90.9
IV 800	25.5	76.1	81.9	85.2	87.9	88.3	89.5	89.9	90.0	90.6	90.9	90.9	91.3	91.3	91.5	91.8
IV 700	25.5	76.4	82.4	85.8	88.7	89.0	90.3	90.8	90.9	91.5	91.7	91.8	92.2	92.2	92.4	92.7
IV 600	25.5	76.7	82.9	86.6	89.5	89.9	91.3	91.9	92.0	92.7	92.9	93.0	93.3	93.3	93.6	93.8
IV 500	25.5	77.0	83.3	87.2	90.3	90.7	92.4	93.0	93.2	93.9	94.2	94.3	94.7	94.7	94.9	95.2
IV 400	25.5	77.2	83.6	87.6	90.9	91.4	93.2	93.9	94.2	95.0	95.4	95.4	95.9	95.9	96.1	96.4
IV 300	25.5	77.2	83.7	87.8	91.2	91.8	94.0	94.8	95.0	96.1	96.5	96.5	97.0	97.1	97.4	97.7
IV 200	25.5	77.3	83.8	87.8	91.3	91.9	94.2	95.2	95.5	96.8	97.3	97.4	98.0	98.0	98.4	98.8
IV 100	25.5	77.3	83.8	87.8	91.3	91.9	94.3	95.2	95.6	96.9	97.5	97.6	98.3	98.4	99.0	99.5
IV 0	25.5	77.3	83.8	87.8	91.3	91.9	94.3	95.2	95.6	96.9	97.5	97.6	98.3	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 19477

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.8	50.3	52.3	53.6	54.4	54.5	54.9	55.1	55.1	55.3	55.5	55.5	55.6	55.6	55.9	56.1
IV 20000	24.4	56.5	58.9	60.3	61.2	61.4	61.8	62.0	62.0	62.2	62.4	62.4	62.6	62.6	62.8	63.0
IV 18000	24.5	56.9	59.3	60.8	61.7	61.8	62.2	62.4	62.5	62.7	62.9	62.9	63.0	63.1	63.3	63.5
IV 16000	24.6	57.2	59.6	61.0	62.0	62.1	62.5	62.7	62.7	63.0	63.1	63.2	63.3	63.4	63.6	63.8
IV 14000	25.0	58.4	60.9	62.4	63.3	63.5	63.9	64.1	64.1	64.4	64.5	64.6	64.7	64.7	65.0	65.2
IV 12000	25.5	60.0	62.7	64.3	65.2	65.4	65.8	66.0	66.0	66.3	66.5	66.5	66.6	66.7	66.9	67.1
IV 10000	26.3	62.1	65.0	66.6	67.6	67.7	68.2	68.4	68.4	68.7	68.8	68.9	69.0	69.1	69.3	69.5
IV 9000	26.5	63.1	66.0	67.6	68.7	68.8	69.2	69.5	69.5	69.8	69.9	70.0	70.1	70.1	70.4	70.6
IV 8000	27.0	64.8	67.9	69.6	70.7	70.8	71.3	71.5	71.5	71.8	72.0	72.0	72.1	72.2	72.4	72.6
IV 7000	27.2	66.1	69.2	71.0	72.2	72.3	72.8	73.0	73.1	73.3	73.5	73.5	73.7	73.7	73.9	74.2
IV 6000	27.5	67.3	70.5	72.4	73.6	73.7	74.2	74.5	74.5	74.8	75.0	75.0	75.2	75.2	75.5	75.7
IV 5000	27.9	69.1	72.5	74.4	75.7	75.9	76.4	76.7	76.7	77.0	77.2	77.2	77.4	77.5	77.7	77.9
IV 4500	27.9	69.5	72.9	74.9	76.2	76.4	77.0	77.2	77.3	77.6	77.8	77.8	78.0	78.0	78.2	78.5
IV 4000	28.3	70.9	74.6	76.6	73.0	78.2	78.8	79.1	79.2	79.5	79.7	79.7	79.9	79.9	80.1	80.4
IV 3500	28.5	71.6	75.5	77.6	79.1	79.3	79.9	80.2	80.3	80.6	80.8	80.8	81.0	81.0	81.3	81.5
IV 3000	28.8	72.7	76.7	79.0	80.5	80.7	81.4	81.7	81.8	82.1	82.3	82.3	82.5	82.6	82.8	83.0
IV 2500	29.0	73.6	77.8	80.2	81.8	82.0	82.8	83.1	83.1	83.5	83.7	83.7	83.9	84.0	84.2	84.4
IV 2000	29.2	74.7	79.0	81.6	83.3	83.6	84.4	84.8	84.9	85.3	85.5	85.5	85.7	85.8	86.0	86.2
IV 1800	29.3	75.0	79.3	82.0	83.7	84.0	84.8	85.2	85.3	85.7	85.9	86.0	86.1	86.2	86.5	86.7
IV 1500	29.4	75.7	80.1	82.9	84.9	85.1	86.1	86.4	86.5	87.0	87.2	87.3	87.4	87.5	87.7	88.0
IV 1200	29.5	76.4	81.1	84.0	86.1	86.4	87.4	87.8	87.9	88.4	88.6	88.7	88.8	88.9	89.2	89.4
IV 1000	29.6	77.1	82.0	85.0	87.2	87.6	88.7	89.1	89.2	89.7	90.0	90.0	90.2	90.3	90.5	90.7
IV 900	29.7	77.3	82.3	85.3	87.7	88.0	89.1	89.6	89.7	90.3	90.5	90.6	90.8	90.8	91.1	91.3
IV 800	29.7	77.6	82.7	85.9	88.4	88.8	90.0	90.5	90.6	91.2	91.5	91.5	91.7	91.8	92.0	92.3
IV 700	29.7	77.9	83.1	86.4	89.1	89.4	90.8	91.4	91.5	92.1	92.4	92.4	92.6	92.7	92.9	93.2
IV 600	29.7	78.2	83.5	87.0	89.8	90.2	91.8	92.4	92.5	93.1	93.4	93.5	93.7	93.8	94.0	94.2
IV 500	29.8	78.4	83.9	87.5	90.7	91.1	92.9	93.6	93.7	94.4	94.7	94.8	95.0	95.1	95.4	95.6
IV 400	29.8	78.6	84.3	88.0	91.4	91.9	93.9	94.8	94.9	95.7	96.1	96.2	96.4	96.5	96.8	97.0
IV 300	29.8	78.7	84.4	88.3	91.7	92.3	94.5	95.6	95.8	96.7	97.1	97.2	97.5	97.7	97.9	98.2
IV 200	29.8	78.7	84.4	88.3	91.0	92.4	94.6	95.9	96.1	97.1	97.7	97.8	98.2	98.4	98.7	99.0
IV 100	29.8	78.7	84.4	88.3	91.8	92.4	94.7	95.9	96.1	97.2	97.8	97.9	98.4	98.6	99.1	99.5
IV 0	29.8	78.7	84.4	88.3	91.8	92.4	94.7	95.9	96.1	97.2	97.8	97.9	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 21425

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.3	57.4	59.4	60.3	60.9	60.9	61.2	61.4	61.4	61.6	61.7	61.7	61.8	61.9	62.0	62.1
≥ 20000	30.0	63.6	65.9	66.9	67.6	67.7	68.0	68.2	68.2	68.4	68.5	68.5	68.7	68.7	68.9	69.0
IV 18000	30.2	64.2	66.4	67.5	68.1	68.2	68.5	68.7	68.8	68.9	69.1	69.1	69.2	69.3	69.4	69.5
IV 16000	30.3	64.6	66.9	67.9	68.6	68.7	69.1	69.2	69.3	69.4	69.6	69.6	69.7	69.8	69.9	70.0
IV 14000	30.9	66.0	68.3	69.4	70.1	70.2	70.5	70.7	70.7	70.9	71.0	71.1	71.2	71.2	71.4	71.5
IV 12000	31.5	68.0	70.4	71.5	72.2	72.3	72.7	72.9	72.9	73.1	73.3	73.3	73.4	73.4	73.6	73.7
IV 10000	32.2	70.4	72.9	74.1	74.9	75.0	75.4	75.6	75.6	75.8	75.9	75.9	76.1	76.1	76.3	76.4
IV 9000	32.4	71.2	73.8	75.0	75.8	75.9	76.2	76.4	76.5	76.7	76.8	76.8	77.0	77.0	77.2	77.3
IV 8000	32.8	72.8	75.6	76.9	77.7	77.8	78.2	78.4	78.5	78.7	78.8	78.8	79.0	79.0	79.2	79.3
IV 7000	33.1	74.0	76.9	78.2	79.1	79.2	79.6	79.8	79.8	80.0	80.2	80.2	80.3	80.4	80.5	80.7
IV 6000	33.4	75.0	78.1	79.5	80.4	80.5	80.9	81.2	81.2	81.4	81.6	81.6	81.7	81.8	81.9	82.1
IV 5000	33.8	76.5	79.7	81.2	82.3	82.4	82.8	83.1	83.1	83.3	83.5	83.5	83.6	83.7	83.8	84.0
IV 4500	33.9	76.9	80.2	81.7	82.8	82.9	83.4	83.6	83.6	83.8	84.0	84.0	84.1	84.2	84.3	84.5
IV 4000	34.3	78.1	81.5	83.1	84.2	84.3	84.8	85.0	85.1	85.3	85.5	85.5	85.6	85.7	85.8	85.9
IV 3500	34.6	79.0	82.4	84.1	85.3	85.4	85.9	86.1	86.1	86.4	86.5	86.5	86.7	86.7	86.9	87.0
IV 3000	35.0	80.3	83.9	85.6	86.9	87.0	87.5	87.7	87.8	88.0	88.2	88.2	88.3	88.4	88.5	88.7
IV 2500	35.3	81.1	84.9	86.7	88.0	88.1	88.6	88.9	88.9	89.1	89.3	89.3	89.4	89.5	89.6	89.8
IV 2000	35.6	82.4	86.3	88.3	89.6	89.8	90.3	90.6	90.6	90.9	91.0	91.0	91.2	91.2	91.4	91.5
IV 1800	35.7	82.7	86.7	88.7	90.0	90.1	90.7	91.0	91.0	91.3	91.4	91.4	91.6	91.6	91.8	91.9
IV 1500	35.9	83.6	87.7	89.7	91.2	91.3	91.9	92.2	92.2	92.5	92.7	92.7	92.8	92.9	93.0	93.2
IV 1200	36.1	84.3	88.5	90.7	92.2	92.4	93.0	93.3	93.4	93.7	93.8	93.8	94.0	94.0	94.2	94.3
IV 1000	36.1	84.9	89.2	91.5	93.1	93.3	93.9	94.3	94.3	94.6	94.8	94.8	95.0	95.0	95.2	95.3
IV 900	36.2	85.1	89.5	91.8	93.5	93.6	94.3	94.7	94.7	95.1	95.2	95.2	95.4	95.4	95.6	95.7
IV 800	36.2	85.4	89.8	92.2	94.0	94.2	94.9	95.3	95.3	95.7	95.9	95.9	96.1	96.1	96.3	96.4
IV 700	36.2	85.6	90.2	92.6	94.4	94.6	95.4	95.8	95.9	96.2	96.4	96.4	96.6	96.6	96.8	97.0
IV 600	36.3	85.9	90.5	93.0	94.9	95.1	95.9	96.4	96.4	96.8	97.0	97.0	97.2	97.3	97.4	97.6
IV 500	36.3	86.1	90.8	93.4	95.4	95.6	96.5	97.0	97.0	97.4	97.7	97.7	97.8	97.9	98.0	98.2
IV 400	36.3	86.1	90.9	93.5	95.6	95.9	96.9	97.4	97.4	97.9	98.1	98.1	98.3	98.3	98.5	98.6
IV 300	36.3	86.2	91.0	93.6	95.8	96.1	97.2	97.7	97.8	98.3	98.6	98.6	98.8	98.8	99.0	99.1
IV 200	36.3	86.2	91.0	93.6	95.9	96.2	97.3	97.9	98.0	98.5	98.8	98.8	99.1	99.1	99.3	99.5
IV 100	36.3	86.2	91.0	93.7	95.9	96.2	97.3	97.9	98.0	98.6	98.9	99.0	99.2	99.3	99.6	99.8
IV 0	36.3	86.2	91.0	93.7	95.9	96.2	97.3	97.9	98.0	98.6	98.9	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 20711

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.0	56.6	59.0	60.1	61.0	61.2	61.5	61.6	61.7	61.9	62.0	62.0	62.1	62.1	62.3	62.4
≥ 20000	28.9	63.1	65.8	67.2	68.1	68.3	68.6	68.8	68.8	69.1	69.2	69.2	69.3	69.3	69.5	69.6
≥ 18000	29.1	63.4	66.2	67.5	68.5	68.6	69.0	69.2	69.2	69.4	69.5	69.5	69.6	69.7	69.9	70.0
≥ 16000	29.2	63.6	66.4	67.8	68.8	68.9	69.3	69.4	69.5	69.7	69.8	69.8	69.9	69.9	70.1	70.2
≥ 14000	29.6	64.8	67.6	69.0	70.0	70.2	70.5	70.7	70.7	71.0	71.1	71.1	71.2	71.2	71.4	71.5
≥ 12000	30.3	66.7	69.6	71.0	72.1	72.2	72.6	72.7	72.8	73.0	73.1	73.1	73.3	73.3	73.5	73.6
≥ 10000	31.0	69.1	72.1	73.6	74.7	74.8	75.2	75.4	75.4	75.7	75.8	75.8	75.9	76.0	76.1	76.3
≥ 9000	31.2	69.7	72.7	74.2	75.3	75.5	75.9	76.0	76.1	76.3	76.4	76.4	76.5	76.6	76.8	76.9
≥ 8000	31.7	71.5	74.6	76.2	77.3	77.5	77.9	78.1	78.1	78.3	78.4	78.5	78.6	78.6	78.8	78.9
≥ 7000	32.1	72.7	76.0	77.6	78.8	78.9	79.3	79.5	79.5	79.8	79.9	79.9	80.0	80.1	80.3	80.4
≥ 6000	32.3	73.8	77.2	78.8	80.0	80.2	80.6	80.8	80.8	81.1	81.2	81.2	81.3	81.3	81.5	81.6
≥ 5000	32.6	75.1	78.5	80.2	81.4	81.6	82.0	82.2	82.2	82.5	82.6	82.6	82.7	82.8	83.0	83.1
≥ 4500	32.8	75.5	79.0	80.7	82.0	82.2	82.6	82.8	82.8	83.1	83.2	83.2	83.3	83.3	83.5	83.6
≥ 4000	33.1	76.6	80.2	81.9	83.2	83.4	83.8	84.0	84.0	84.3	84.4	84.4	84.5	84.6	84.8	84.9
≥ 3500	33.5	77.5	81.2	82.9	84.3	84.4	84.9	85.1	85.1	85.4	85.5	85.5	85.6	85.6	85.8	85.9
≥ 3000	33.8	78.7	82.5	84.3	85.7	85.9	86.3	86.5	86.5	86.8	86.9	86.9	87.0	87.1	87.3	87.4
≥ 2500	34.2	79.8	83.7	85.5	87.0	87.1	87.6	87.8	87.8	88.1	88.2	88.2	88.4	88.4	88.6	88.7
≥ 2000	34.5	81.3	85.3	87.3	88.8	88.9	89.5	89.6	89.7	90.0	90.1	90.1	90.2	90.2	90.4	90.6
≥ 1800	34.6	81.7	85.8	87.8	89.2	89.4	90.0	90.1	90.2	90.5	90.6	90.6	90.7	90.7	90.9	91.1
≥ 1500	34.8	82.7	87.0	89.0	90.6	90.8	91.3	91.6	91.6	91.9	92.0	92.0	92.1	92.2	92.4	92.5
≥ 1200	34.9	84.0	88.4	90.6	92.2	92.4	93.1	93.3	93.3	93.6	93.7	93.7	93.9	93.9	94.1	94.2
≥ 1000	35.0	84.9	89.5	91.8	93.5	93.7	94.4	94.6	94.7	95.0	95.1	95.1	95.2	95.3	95.5	95.6
≥ 900	35.0	85.1	89.9	92.3	94.0	94.2	94.9	95.1	95.2	95.5	95.6	95.6	95.7	95.8	96.0	96.1
≥ 800	35.1	85.5	90.4	92.9	94.7	94.9	95.7	95.9	96.0	96.3	96.4	96.4	96.5	96.6	96.8	96.9
≥ 700	35.1	85.8	90.8	93.4	95.3	95.6	96.3	96.6	96.6	97.0	97.1	97.1	97.2	97.3	97.5	97.6
≥ 600	35.1	86.0	91.1	93.9	95.8	96.1	96.9	97.2	97.2	97.6	97.7	97.7	97.9	97.9	98.1	98.2
≥ 500	35.1	86.2	91.3	94.1	96.0	96.4	97.3	97.6	97.6	98.0	98.1	98.1	98.3	98.3	98.6	98.7
≥ 400	35.1	86.2	91.4	94.2	96.2	96.6	97.6	97.9	98.0	98.4	98.5	98.5	98.7	98.7	99.0	99.1
≥ 300	35.1	86.2	91.5	94.3	96.4	96.7	97.7	98.1	98.2	98.6	98.8	98.8	98.9	99.0	99.2	99.4
≥ 200	35.1	86.2	91.5	94.3	96.4	96.8	97.8	98.2	98.3	98.7	98.9	98.9	99.1	99.2	99.4	99.6
≥ 100	35.1	86.2	91.5	94.3	96.4	96.8	97.8	98.2	98.3	98.7	98.9	99.0	99.1	99.2	99.5	99.7
≥ 0	35.1	86.2	91.5	94.3	96.4	96.8	97.8	98.2	98.3	98.7	98.9	99.0	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 21337

2
C
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.2	53.7	56.5	57.7	58.5	58.6	58.9	59.1	59.2	59.3	59.4	59.4	59.5	59.6	59.6	59.7
≥ 20000	28.2	62.8	66.1	67.4	68.4	68.5	68.9	69.1	69.1	69.3	69.4	69.4	69.6	69.6	69.7	69.8
IV 18000	28.4	63.3	66.6	68.0	69.0	69.0	69.4	69.6	69.7	69.8	70.0	70.0	70.1	70.1	70.2	70.3
IV 16000	28.5	63.6	66.9	68.3	69.3	69.4	69.7	70.0	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.6
IV 14000	29.1	65.1	68.5	69.9	70.9	71.0	71.3	71.6	71.6	71.8	71.9	71.9	72.0	72.1	72.1	72.2
IV 12000	30.0	67.6	71.1	72.6	73.7	73.8	74.1	74.4	74.4	74.6	74.7	74.7	74.8	74.9	74.9	75.0
IV 10000	30.7	70.2	74.0	75.5	76.7	76.8	77.2	77.4	77.4	77.6	77.7	77.8	77.9	77.9	78.0	78.1
IV 9000	30.9	70.8	74.6	76.2	77.4	77.5	77.9	78.1	78.2	78.3	78.4	78.5	78.6	78.6	78.7	78.8
IV 8000	31.5	72.7	76.7	78.3	79.4	79.5	80.0	80.2	80.2	80.4	80.5	80.5	80.7	80.7	80.8	80.9
IV 7000	31.7	73.7	77.8	79.5	80.6	80.7	81.2	81.4	81.5	81.6	81.8	81.8	81.9	82.0	82.0	82.1
IV 6000	32.0	74.5	78.6	80.3	81.6	81.7	82.1	82.4	82.4	82.6	82.7	82.7	82.9	82.9	83.0	83.1
IV 5000	32.3	75.5	79.7	81.5	82.7	82.8	83.3	83.5	83.5	83.7	83.9	83.9	84.0	84.1	84.1	84.2
IV 4500	32.4	75.9	80.2	81.9	83.2	83.3	83.7	84.0	84.0	84.2	84.4	84.4	84.5	84.5	84.6	84.7
IV 4000	32.7	76.9	81.3	83.1	84.4	84.5	85.0	85.2	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.9
IV 3500	33.1	77.7	82.1	84.0	85.3	85.4	85.9	86.1	86.2	86.4	86.5	86.5	86.6	86.7	86.7	86.8
IV 3000	33.7	79.1	83.7	85.6	87.0	87.1	87.6	87.9	87.9	88.1	88.2	88.2	88.4	88.4	88.5	88.6
IV 2500	34.3	80.6	85.2	87.3	88.7	88.8	89.3	89.6	89.6	89.9	90.0	90.0	90.1	90.2	90.2	90.3
IV 2000	34.8	82.3	87.2	89.3	90.8	91.0	91.5	91.8	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.5
IV 1800	34.9	82.7	87.6	89.8	91.3	91.4	92.0	92.3	92.3	92.5	92.7	92.7	92.8	92.9	92.9	93.0
IV 1500	35.3	84.0	89.0	91.2	92.8	93.0	93.5	93.8	93.8	94.1	94.2	94.2	94.4	94.4	94.5	94.6
IV 1200	35.5	85.1	90.2	92.5	94.1	94.3	94.9	95.2	95.2	95.5	95.6	95.6	95.8	95.8	95.9	96.0
IV 1000	35.6	85.7	91.0	93.3	95.0	95.2	95.9	96.2	96.2	96.5	96.6	96.6	96.8	96.8	96.9	97.0
IV 900	35.6	85.9	91.2	93.5	95.2	95.4	96.1	96.4	96.5	96.7	96.9	96.9	97.0	97.1	97.1	97.2
IV 800	35.7	86.2	91.6	94.0	95.6	96.0	96.7	97.1	97.1	97.4	97.6	97.6	97.7	97.8	97.8	97.9
IV 700	35.7	86.4	91.9	94.4	96.2	96.5	97.2	97.6	97.6	97.9	98.0	98.0	98.2	98.2	98.3	98.4
IV 600	35.7	86.5	92.1	94.5	96.5	96.7	97.4	97.8	97.9	98.2	98.3	98.3	98.5	98.5	98.6	98.7
IV 500	35.7	86.7	92.2	94.7	96.8	97.0	97.8	98.2	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.2
IV 400	35.7	86.7	92.4	94.9	96.9	97.2	98.0	98.4	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.4
IV 300	35.7	86.8	92.5	95.0	97.1	97.3	98.2	98.7	98.7	99.1	99.3	99.3	99.5	99.5	99.6	99.7
IV 200	35.7	86.8	92.5	95.0	97.1	97.4	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.6	99.8	99.9
IV 100	35.7	86.8	92.5	95.0	97.1	97.4	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.8	100.0
IV 0	35.7	86.8	92.5	95.0	97.1	97.4	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 20142

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.5	50.5	52.8	53.8	54.4	54.4	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	27.8	62.1	65.0	66.3	66.9	67.0	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
IV 18000	28.1	62.6	65.5	66.8	67.5	67.6	67.8	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
IV 16000	28.4	63.4	66.4	67.7	68.4	68.5	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0
IV 14000	29.4	65.5	68.7	70.0	70.8	70.8	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4
IV 12000	30.9	69.1	72.4	73.8	74.6	74.6	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 10000	32.4	73.4	77.0	78.5	79.3	79.4	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1
IV 9000	32.6	74.1	77.7	79.2	80.0	80.1	80.5	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
IV 8000	33.2	75.9	79.8	81.3	82.2	82.3	82.7	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0
IV 7000	33.5	77.2	81.2	82.8	83.8	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
IV 6000	33.7	77.8	82.0	83.6	84.6	84.7	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.4
IV 5000	34.0	78.6	82.9	84.6	85.6	85.6	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4
IV 4500	34.1	78.8	83.1	84.8	85.8	85.9	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7
IV 4000	34.5	79.9	84.3	86.0	87.1	87.2	87.6	87.6	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
IV 3500	34.8	80.6	85.0	86.8	87.9	88.0	88.4	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8
IV 3000	35.4	81.9	86.5	88.4	89.5	89.6	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4
IV 2500	35.9	83.0	87.8	89.8	90.9	91.0	91.4	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8
IV 2000	36.4	84.7	89.7	91.8	92.9	93.1	93.6	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	36.5	85.0	90.0	92.1	93.3	93.4	93.9	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV 1500	36.8	85.9	91.2	93.3	94.6	94.7	95.3	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7
IV 1200	37.0	86.8	92.2	94.4	95.7	95.8	96.4	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9
IV 1000	37.2	87.4	92.9	95.2	96.5	96.7	97.3	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
IV 900	37.2	87.6	93.1	95.4	96.8	97.0	97.6	97.7	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1
IV 800	37.2	87.7	93.3	95.7	97.1	97.3	97.9	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5
IV 700	37.3	87.8	93.5	95.9	97.4	97.5	98.2	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7
IV 600	37.3	87.9	93.7	96.1	97.6	97.8	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
IV 500	37.3	88.0	93.9	96.4	97.9	98.1	98.8	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
IV 400	37.3	88.1	93.9	96.4	98.0	98.2	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6
IV 300	37.3	88.1	94.0	96.5	98.2	98.4	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8
IV 200	37.3	88.1	94.0	96.5	98.2	98.4	99.1	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.9	99.9
IV 100	37.3	88.1	94.0	96.5	98.2	98.4	99.1	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0
IV 0	37.3	88.1	94.0	96.5	98.2	98.4	99.1	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 20493

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STAT/CA

MYRTLE BEACH AFB SOUTH CAROLINA
STAT/CA NAME

43-46, 49-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS/EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.2	51.6	55.0	56.8	57.7	57.9	58.3	58.5	58.5	58.7	58.8	58.8	58.9	58.9	59.0	59.1
≥ 20000	25.1	60.9	64.9	66.9	67.9	68.1	68.4	68.6	68.6	68.9	69.0	69.0	69.1	69.2	69.3	69.3
≥ 18000	25.3	61.3	65.3	67.3	68.3	68.6	68.9	69.1	69.1	69.4	69.5	69.5	69.6	69.7	69.8	69.8
≥ 16000	25.4	61.7	65.8	67.8	68.8	69.1	69.4	69.6	69.6	69.9	70.0	70.0	70.1	70.2	70.3	70.3
≥ 14000	26.3	63.8	67.9	70.0	71.1	71.3	71.7	71.9	71.9	72.2	72.3	72.3	72.4	72.4	72.5	72.6
≥ 12000	27.5	67.1	71.3	73.5	74.6	74.9	75.3	75.5	75.5	75.8	75.9	75.9	76.0	76.1	76.2	76.2
≥ 10000	28.6	70.6	75.1	77.4	78.5	78.8	79.2	79.4	79.4	79.7	79.8	79.8	79.9	80.0	80.1	80.1
≥ 9000	28.9	71.3	75.8	78.1	79.3	79.6	80.0	80.1	80.2	80.4	80.5	80.6	80.7	80.7	80.9	80.9
≥ 8000	29.4	73.4	78.0	80.4	81.6	81.9	82.3	82.5	82.5	82.8	82.9	82.9	83.0	83.1	83.2	83.2
≥ 7000	29.6	74.3	79.2	81.6	82.9	83.2	83.6	83.8	83.8	84.1	84.2	84.2	84.3	84.4	84.5	84.5
≥ 6000	29.8	75.1	80.0	82.5	83.8	84.0	84.5	84.7	84.7	85.0	85.1	85.1	85.3	85.3	85.4	85.5
≥ 5000	30.0	75.8	80.9	83.4	84.7	85.0	85.5	85.7	85.7	86.0	86.1	86.1	86.2	86.3	86.4	86.4
≥ 4500	30.1	76.1	81.1	83.7	85.0	85.3	85.7	85.9	86.0	86.2	86.3	86.4	86.5	86.5	86.7	86.7
≥ 4000	30.4	77.1	82.2	84.8	86.2	86.5	86.9	87.1	87.2	87.4	87.6	87.6	87.7	87.8	87.9	87.9
≥ 3500	30.6	77.8	82.9	85.6	86.9	87.2	87.7	87.9	88.0	88.2	88.3	88.4	88.5	88.5	88.7	88.7
≥ 3000	31.1	78.8	84.1	86.8	88.2	88.5	89.0	89.2	89.3	89.5	89.7	89.7	89.8	89.8	90.0	90.0
≥ 2500	31.6	79.9	85.2	88.0	89.4	89.7	90.3	90.5	90.5	90.8	90.9	90.9	91.1	91.1	91.2	91.3
≥ 2000	32.1	81.3	86.8	89.6	91.2	91.5	92.1	92.3	92.4	92.7	92.8	92.8	92.9	93.0	93.1	93.2
≥ 1800	32.2	81.6	87.2	90.1	91.6	91.9	92.5	92.8	92.8	93.1	93.2	93.2	93.4	93.4	93.5	93.6
≥ 1500	32.5	82.6	88.2	91.2	92.9	93.3	93.9	94.1	94.2	94.5	94.6	94.6	94.8	94.8	95.0	95.0
≥ 1200	32.7	83.3	89.1	92.2	94.0	94.3	95.0	95.3	95.3	95.7	95.8	95.8	95.9	96.0	96.1	96.2
≥ 1000	32.8	83.9	89.8	93.0	94.8	95.2	95.9	96.2	96.3	96.6	96.8	96.8	96.9	97.0	97.1	97.1
≥ 900	32.8	84.0	89.9	93.2	95.1	95.4	96.2	96.5	96.5	96.9	97.0	97.0	97.2	97.2	97.4	97.4
≥ 800	32.8	84.2	90.1	93.5	95.4	95.8	96.5	96.8	96.9	97.3	97.4	97.4	97.6	97.6	97.8	97.8
≥ 700	32.9	84.4	90.4	93.8	95.8	96.1	96.9	97.2	97.3	97.7	97.8	97.8	98.0	98.0	98.2	98.2
≥ 600	32.9	84.5	90.7	94.1	96.2	96.5	97.4	97.7	97.8	98.2	98.3	98.4	98.5	98.5	98.7	98.7
≥ 500	32.9	84.6	90.8	94.2	96.4	96.8	97.7	98.1	98.1	98.5	98.7	98.7	98.8	98.9	99.0	99.1
≥ 400	32.9	84.6	90.9	94.4	96.6	97.0	98.0	98.4	98.4	98.8	99.0	99.0	99.2	99.2	99.4	99.4
≥ 300	32.9	84.6	90.9	94.4	96.7	97.1	98.1	98.5	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.6
≥ 200	32.9	84.7	90.9	94.4	96.7	97.2	98.2	98.6	98.7	99.1	99.3	99.3	99.6	99.6	99.8	99.8
≥ 100	32.9	84.7	90.9	94.4	96.7	97.2	98.2	98.6	98.7	99.2	99.3	99.4	99.6	99.7	99.9	100.0
≥ 0	32.9	84.7	90.9	94.4	96.7	97.2	98.2	98.6	98.7	99.2	99.3	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 19976

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.3	50.9	54.4	56.2	57.4	57.6	58.1	58.3	58.4	58.6	58.7	58.8	58.9	59.0	59.2	59.3
IV 20000	22.6	58.6	62.5	64.3	65.7	65.8	66.4	66.6	66.7	66.9	67.1	67.1	67.3	67.3	67.6	67.7
IV 18000	22.7	58.9	62.8	64.7	66.0	66.2	66.7	66.9	67.0	67.3	67.4	67.4	67.6	67.7	67.9	68.0
IV 16000	22.8	59.2	63.1	65.0	66.4	66.6	67.1	67.3	67.4	67.7	67.8	67.8	68.0	68.0	68.3	68.4
IV 14000	23.4	60.8	64.8	66.7	68.1	68.2	68.8	69.0	69.1	69.3	69.4	69.5	69.7	69.7	70.0	70.1
IV 12000	24.3	63.3	67.5	69.5	70.9	71.0	71.6	71.8	71.9	72.1	72.3	72.3	72.5	72.5	72.8	72.9
IV 10000	25.1	66.4	70.9	73.0	74.5	74.6	75.2	75.4	75.5	75.8	75.9	75.9	76.1	76.2	76.4	76.6
IV 9000	25.3	67.2	71.7	73.8	75.4	75.5	76.1	76.3	76.4	76.6	76.8	76.8	77.0	77.0	77.3	77.4
IV 8000	25.8	68.8	73.5	75.6	77.2	77.4	77.9	78.2	78.3	78.5	78.7	78.7	78.9	78.9	79.2	79.3
IV 7000	26.0	69.8	74.6	76.8	78.4	78.6	79.2	79.4	79.5	79.8	79.9	79.9	80.1	80.2	80.4	80.6
IV 6000	26.3	70.6	75.4	77.7	79.3	79.4	80.0	80.2	80.3	80.6	80.7	80.8	81.0	81.0	81.3	81.4
IV 5000	26.6	71.6	76.6	78.8	80.5	80.6	81.2	81.4	81.5	81.8	81.9	82.0	82.2	82.2	82.5	82.6
IV 4500	26.7	71.7	76.8	79.1	80.7	80.9	81.5	81.7	81.8	82.1	82.2	82.3	82.5	82.5	82.8	82.9
IV 4000	27.0	72.6	77.8	80.1	81.9	82.0	82.6	82.9	83.0	83.3	83.4	83.4	83.6	83.7	83.9	84.1
IV 3500	27.3	73.4	78.6	81.0	82.7	82.9	83.5	83.7	83.9	84.1	84.2	84.3	84.5	84.5	84.8	84.9
IV 3000	27.7	74.8	80.1	82.6	84.3	84.5	85.1	85.4	85.5	85.8	85.9	85.9	86.2	86.2	86.4	86.6
IV 2500	28.2	75.9	81.4	83.9	85.7	85.9	86.6	86.8	87.0	87.3	87.4	87.4	87.7	87.7	88.0	88.1
IV 2000	28.6	77.6	83.3	85.9	87.8	88.0	88.7	89.0	89.1	89.4	89.6	89.6	89.8	89.9	90.1	90.3
IV 1800	28.7	78.0	83.8	86.4	88.3	88.5	89.2	89.5	89.6	89.9	90.1	90.1	90.3	90.4	90.6	90.8
IV 1500	29.0	79.3	85.1	87.9	89.9	90.1	90.8	91.1	91.2	91.5	91.7	91.7	91.9	91.9	92.2	92.4
IV 1200	29.4	80.5	86.5	89.4	91.5	91.7	92.4	92.7	92.8	93.2	93.3	93.4	93.6	93.6	93.9	94.0
IV 1000	29.5	81.2	87.4	90.3	92.5	92.8	93.6	93.9	94.0	94.4	94.6	94.6	94.8	94.9	95.1	95.3
IV 900	29.5	81.5	87.7	90.7	93.0	93.2	94.0	94.4	94.5	94.9	95.0	95.0	95.3	95.3	95.6	95.7
IV 800	29.6	81.8	88.1	91.2	93.5	93.8	94.7	95.0	95.1	95.5	95.7	95.7	96.0	96.0	96.2	96.4
IV 700	29.6	82.1	88.5	91.6	94.1	94.3	95.2	95.6	95.7	96.1	96.3	96.3	96.6	96.6	96.9	97.0
IV 600	29.7	82.4	88.9	92.1	94.6	94.8	95.8	96.2	96.3	96.8	96.9	97.0	97.2	97.2	97.5	97.7
IV 500	29.7	82.7	89.3	92.6	95.2	95.5	96.6	97.1	97.2	97.6	97.8	97.9	98.1	98.2	98.4	98.6
IV 400	29.7	82.7	89.4	92.7	95.5	95.8	97.0	97.4	97.6	98.1	98.3	98.3	98.6	98.6	98.9	99.0
IV 300	29.7	82.8	89.5	92.8	95.6	95.9	97.1	97.6	97.8	98.3	98.6	98.6	98.9	99.0	99.2	99.4
IV 200	29.7	82.8	89.5	92.9	95.7	96.0	97.2	97.8	97.9	98.5	98.7	98.8	99.1	99.1	99.5	99.6
IV 100	29.7	82.8	89.5	92.9	95.7	96.0	97.2	97.8	98.0	98.5	98.8	98.8	99.2	99.2	99.6	99.8
IV 0	29.7	82.8	89.5	92.9	95.7	96.0	97.2	97.8	98.0	98.5	98.8	98.8	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

19832

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS, E.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.2	54.2	58.0	60.0	61.4	61.6	62.3	62.6	62.7	63.1	63.3	63.3	63.5	63.5	63.7	63.9
≥ 20000	22.9	59.0	63.1	65.2	66.8	67.0	67.7	68.0	68.1	68.5	68.7	68.7	68.9	69.0	69.1	69.3
IV 18000	23.0	59.3	63.3	65.5	67.1	67.3	68.0	68.3	68.4	68.8	69.0	69.0	69.2	69.3	69.4	69.6
IV 16000	23.0	59.5	63.6	65.8	67.3	67.5	68.3	68.5	68.6	69.0	69.2	69.2	69.5	69.5	69.7	69.9
IV 14000	23.5	60.5	64.7	66.9	68.4	68.6	69.4	69.7	69.7	70.2	70.4	70.4	70.6	70.7	70.8	71.0
IV 12000	24.0	62.3	66.6	68.8	70.4	70.6	71.4	71.7	71.7	72.2	72.4	72.4	72.6	72.7	72.9	73.0
IV 10000	24.7	65.6	69.3	71.7	73.4	73.6	74.3	74.6	74.7	75.2	75.4	75.4	75.6	75.7	75.8	76.0
IV 9000	24.9	65.7	70.1	72.4	74.1	74.3	75.1	75.4	75.5	75.9	76.1	76.1	76.3	76.4	76.6	76.8
IV 8000	25.2	67.3	71.8	74.2	75.9	76.2	76.9	77.2	77.3	77.8	78.0	78.0	78.2	78.3	78.4	78.6
IV 7000	25.5	68.6	73.2	75.7	77.5	77.7	78.4	78.7	78.8	79.2	79.5	79.5	79.7	79.8	79.9	80.1
IV 6000	25.7	69.7	74.4	76.9	78.7	78.9	79.6	79.9	80.0	80.5	80.7	80.7	80.9	81.0	81.2	81.3
IV 5000	26.0	71.3	76.0	78.6	80.4	80.6	81.4	81.7	81.8	82.2	82.4	82.4	82.7	82.7	82.9	83.1
IV 4500	26.2	71.7	76.6	79.1	80.9	81.2	81.9	82.2	82.3	82.8	83.0	83.0	83.2	83.3	83.4	83.6
IV 4000	26.4	72.8	77.8	80.4	82.2	82.5	83.3	83.6	83.7	84.1	84.4	84.4	84.6	84.6	84.8	85.0
IV 3500	26.6	73.6	78.6	81.2	83.1	83.4	84.2	84.5	84.6	85.0	85.2	85.2	85.4	85.5	85.7	85.9
IV 3000	26.8	74.6	79.7	82.4	84.3	84.6	85.4	85.7	85.8	86.2	86.5	86.5	86.7	86.7	86.9	87.1
IV 2500	27.1	75.4	80.6	83.3	85.3	85.6	86.4	86.7	86.8	87.3	87.5	87.5	87.7	87.8	87.9	88.1
IV 2000	27.4	77.0	82.3	85.1	87.2	87.5	88.3	88.6	88.7	89.2	89.4	89.4	89.6	89.7	89.9	90.1
IV 1800	27.5	77.3	82.7	85.5	87.6	87.9	88.7	89.0	89.1	89.6	89.8	89.8	90.0	90.1	90.3	90.5
IV 1500	27.7	78.3	83.8	86.7	88.9	89.2	90.1	90.4	90.5	90.9	91.2	91.2	91.4	91.5	91.6	91.8
IV 1200	27.8	79.4	85.2	88.1	90.4	90.7	91.6	91.9	92.0	92.5	92.8	92.8	93.0	93.1	93.2	93.4
IV 1000	28.0	80.3	86.2	89.4	91.7	92.1	93.0	93.4	93.4	93.9	94.2	94.2	94.4	94.5	94.6	94.8
IV 900	28.0	80.5	86.5	89.7	92.1	92.4	93.4	93.8	93.9	94.3	94.6	94.6	94.8	94.9	95.1	95.3
IV 800	28.0	80.9	86.9	90.3	92.7	93.0	94.0	94.4	94.5	95.0	95.2	95.2	95.5	95.5	95.7	95.9
IV 700	28.1	81.2	87.3	90.8	93.3	93.6	94.7	95.1	95.2	95.7	96.0	96.0	96.2	96.3	96.5	96.7
IV 600	28.1	81.5	87.7	91.2	93.9	94.2	95.4	95.8	95.9	96.4	96.6	96.7	96.9	97.0	97.1	97.3
IV 500	28.1	81.8	88.2	91.7	94.4	94.8	96.1	96.6	96.7	97.3	97.5	97.5	97.7	97.8	98.0	98.2
IV 400	28.1	81.9	88.3	91.9	94.7	95.1	96.5	97.0	97.1	97.7	97.9	97.9	98.2	98.3	98.4	98.7
IV 300	28.1	81.9	88.4	92.1	95.0	95.4	96.9	97.4	97.5	98.1	98.4	98.4	98.6	98.7	98.9	99.1
IV 200	28.1	82.0	88.5	92.1	95.0	95.5	97.0	97.6	97.7	98.4	98.7	98.7	99.0	99.1	99.3	99.5
IV 100	28.1	82.0	88.5	92.1	95.1	95.5	97.0	97.6	97.7	98.4	98.8	98.8	99.1	99.2	99.5	99.8
IV 0	28.1	82.0	88.5	92.1	95.1	95.5	97.0	97.6	97.7	98.4	98.8	98.8	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 20512

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING	22.2	56.8	59.6	61.4	62.8	63.0	63.9	64.2	64.2	64.7	65.0	65.1	65.3	65.4	65.8	66.2
≥ 20000	24.0	61.9	64.9	66.9	68.4	68.6	69.6	69.8	69.9	70.4	70.7	70.8	71.1	71.2	71.6	72.0
≥ 18000	24.0	62.2	65.2	67.2	68.7	68.9	69.9	70.2	70.2	70.7	71.0	71.1	71.4	71.5	71.9	72.3
≥ 16000	24.1	62.4	65.5	67.5	69.0	69.2	70.1	70.4	70.4	70.9	71.3	71.3	71.6	71.7	72.1	72.5
≥ 14000	24.3	63.4	66.5	68.5	70.0	70.3	71.2	71.5	71.5	72.0	72.4	72.4	72.7	72.8	73.2	73.6
≥ 12000	24.9	65.2	68.4	70.5	72.0	72.2	73.2	73.5	73.5	74.0	74.4	74.4	74.8	74.8	75.2	75.7
≥ 10000	25.3	67.3	70.6	72.7	74.3	74.5	75.5	75.8	75.9	76.4	76.7	76.8	77.1	77.2	77.6	78.0
≥ 9000	25.5	68.0	71.3	73.5	75.1	75.3	76.3	76.6	76.6	77.2	77.5	77.5	77.9	78.0	78.4	78.8
≥ 8000	25.9	69.6	73.1	75.3	76.9	77.2	78.2	78.5	78.5	79.1	79.4	79.5	79.8	79.9	80.3	80.7
≥ 7000	26.1	70.9	74.4	76.7	78.3	78.5	79.6	79.9	80.0	80.5	80.9	80.9	81.2	81.3	81.7	82.2
≥ 6000	26.3	72.0	75.7	77.9	79.6	79.8	80.9	81.2	81.3	81.8	82.2	82.2	82.6	82.7	83.1	83.5
≥ 5000	26.8	73.5	77.3	79.6	81.3	81.5	82.6	82.9	83.0	83.6	83.9	84.0	84.3	84.4	84.8	85.3
≥ 4500	26.9	73.9	77.7	80.0	81.8	82.0	83.1	83.4	83.5	84.1	84.4	84.5	84.8	84.9	85.3	85.8
≥ 4000	27.2	75.2	79.1	81.5	83.3	83.5	84.6	85.0	85.0	85.6	86.0	86.0	86.4	86.5	86.9	87.4
≥ 3500	27.4	76.0	80.0	82.5	84.3	84.5	85.6	86.0	86.0	86.6	87.0	87.0	87.4	87.5	87.9	88.4
≥ 3000	27.6	77.0	81.0	83.5	85.4	85.6	86.8	87.1	87.2	87.8	88.2	88.2	88.6	88.7	89.1	89.5
≥ 2500	27.7	77.7	81.8	84.3	86.2	86.5	87.0	88.0	88.1	88.6	89.0	89.1	89.4	89.5	89.9	90.4
≥ 2000	27.9	78.6	82.8	85.4	87.4	87.7	88.8	89.2	89.3	89.9	90.3	90.3	90.7	90.8	91.2	91.7
≥ 1800	28.0	78.9	83.1	85.8	87.7	88.0	89.2	89.6	89.7	90.3	90.7	90.7	91.1	91.2	91.6	92.1
≥ 1500	28.2	79.6	83.9	86.6	88.6	88.9	90.2	90.6	90.7	91.3	91.7	91.7	92.1	92.2	92.6	93.1
≥ 1200	28.3	80.3	84.7	87.5	89.6	89.9	91.2	91.6	91.7	92.3	92.8	92.8	93.2	93.3	93.7	94.2
≥ 1000	28.4	81.0	85.5	88.4	90.6	90.9	92.2	92.6	92.7	93.4	93.8	93.8	94.2	94.3	94.7	95.2
≥ 900	28.4	81.2	85.8	88.7	90.9	91.2	92.6	93.0	93.1	93.8	94.2	94.2	94.6	94.7	95.1	95.6
≥ 800	28.5	81.6	86.3	89.3	91.5	91.9	93.2	93.7	93.8	94.4	94.9	94.9	95.3	95.4	95.8	96.3
≥ 700	28.5	81.8	86.6	89.6	91.9	92.3	93.7	94.1	94.2	94.9	95.4	95.4	95.8	95.9	96.3	96.8
≥ 600	28.5	82.1	86.9	90.1	92.4	92.8	94.2	94.7	94.8	95.5	96.0	96.1	96.4	96.5	97.0	97.5
≥ 500	28.5	82.3	87.2	90.5	93.0	93.4	94.9	95.4	95.5	96.2	96.7	96.8	97.1	97.3	97.7	98.2
≥ 400	28.5	82.4	87.4	90.7	93.2	93.6	95.1	95.7	95.8	96.6	97.1	97.1	97.5	97.6	98.1	98.6
≥ 300	28.5	82.5	87.5	90.8	93.4	93.8	95.4	96.0	96.1	97.0	97.5	97.6	98.0	98.1	98.5	99.1
≥ 200	28.5	82.5	87.5	90.8	93.5	93.9	95.6	96.2	96.3	97.3	97.8	97.9	98.3	98.5	98.9	99.5
≥ 100	28.5	82.5	87.5	90.8	93.5	93.9	95.6	96.2	96.3	97.3	97.9	98.0	98.4	98.6	99.1	99.8
≥ 0	28.5	82.5	87.5	90.8	93.5	93.9	95.6	96.2	96.3	97.3	97.9	98.0	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 20559

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS/EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	20.6	51.0	53.1	54.4	55.6	55.7	56.3	56.5	56.5	56.8	56.9	57.0	57.2	57.3	57.6	58.1
IV 18000	22.8	56.2	58.6	60.1	61.3	61.5	62.1	62.3	62.3	62.6	62.7	62.7	63.0	63.1	63.4	63.9
IV 16000	23.0	56.9	59.4	60.9	62.1	62.3	62.9	63.1	63.1	63.4	63.6	63.6	63.8	64.0	64.3	64.7
IV 14000	23.4	58.0	60.5	62.0	63.3	63.5	64.1	64.3	64.3	64.6	64.8	64.8	65.0	65.2	65.5	65.9
IV 12000	23.9	59.5	62.2	63.8	65.2	65.3	65.9	66.1	66.2	66.4	66.6	66.6	66.9	67.0	67.3	67.8
IV 10000	24.6	61.9	64.8	66.4	67.8	68.0	68.6	68.8	68.9	69.1	69.3	69.3	69.6	69.7	70.0	70.5
IV 9000	24.8	62.7	65.6	67.3	68.7	68.9	69.5	69.7	69.8	70.0	70.2	70.2	70.5	70.7	71.0	71.5
IV 8000	25.2	64.4	67.5	69.3	70.8	71.0	71.7	71.9	72.0	72.3	72.5	72.5	72.8	72.9	73.2	73.7
IV 7000	25.4	65.9	69.2	71.1	72.7	72.9	73.6	73.9	73.9	74.2	74.4	74.4	74.7	74.8	75.2	75.6
IV 6000	25.8	67.3	70.7	72.7	74.4	74.6	75.3	75.6	75.6	75.9	76.1	76.2	76.4	76.6	76.9	77.4
IV 5000	26.3	68.8	72.4	74.4	76.3	76.5	77.2	77.5	77.6	77.9	78.1	78.1	78.4	78.5	78.9	79.4
IV 4500	26.3	69.3	72.9	74.9	76.8	77.0	77.8	78.1	78.1	78.4	78.6	78.6	78.9	79.1	79.4	79.9
IV 4000	26.6	70.4	74.2	76.4	78.3	78.5	79.3	79.6	79.6	79.9	80.2	80.2	80.5	80.6	80.9	81.4
IV 3500	26.9	71.4	75.2	77.4	79.4	79.7	80.4	80.7	80.8	81.1	81.4	81.4	81.7	81.8	82.1	82.6
IV 3000	27.1	72.4	76.4	78.7	80.7	81.0	81.8	82.1	82.2	82.5	82.8	82.8	83.1	83.2	83.6	84.0
IV 2500	27.2	73.3	77.4	79.8	81.9	82.2	83.1	83.4	83.5	83.8	84.1	84.1	84.4	84.5	84.9	85.3
IV 2000	27.4	74.4	78.6	81.1	83.4	83.7	84.6	85.0	85.0	85.4	85.7	85.7	86.0	86.1	86.5	87.0
IV 1800	27.5	74.7	78.9	81.5	83.8	84.1	85.0	85.4	85.4	85.8	86.1	86.1	86.4	86.6	86.9	87.4
IV 1500	27.6	75.5	79.8	82.4	84.8	85.1	86.1	86.5	86.6	87.0	87.3	87.3	87.6	87.7	88.1	88.6
IV 1200	27.7	76.3	80.8	83.5	86.0	86.3	87.4	87.8	87.9	88.3	88.6	88.6	89.0	89.1	89.4	89.9
IV 1000	27.8	77.0	81.7	84.5	87.1	87.5	88.7	89.1	89.2	89.7	90.0	90.0	90.4	90.5	90.9	91.4
IV 900	27.8	77.3	82.0	84.9	87.7	88.0	89.3	89.7	89.8	90.3	90.6	90.6	91.0	91.1	91.5	92.0
IV 800	27.8	77.7	82.5	85.5	88.4	88.7	90.1	90.6	90.7	91.3	91.5	91.5	91.9	92.1	92.4	92.9
IV 700	27.9	77.9	82.8	85.9	89.0	89.3	90.7	91.3	91.3	92.0	92.3	92.3	92.6	92.8	93.1	93.6
IV 600	27.9	78.2	83.3	86.5	89.8	90.2	91.7	92.3	92.4	93.0	93.4	93.4	93.8	93.9	94.3	94.8
IV 500	27.9	78.4	83.6	87.1	90.5	90.9	92.5	93.1	93.2	93.9	94.3	94.3	94.7	94.9	95.2	95.7
IV 400	27.9	78.5	83.8	87.4	91.0	91.5	93.3	94.1	94.2	95.0	95.4	95.4	95.8	96.0	96.4	96.9
IV 300	27.9	78.5	83.9	87.6	91.3	91.8	93.8	94.7	94.9	95.8	96.2	96.2	96.7	96.9	97.3	97.9
IV 200	27.9	78.5	83.9	87.6	91.4	92.0	94.0	95.0	95.2	96.2	96.7	96.7	97.3	97.5	98.0	98.6
IV 100	27.9	78.5	83.9	87.6	91.5	92.0	94.0	95.0	95.3	96.3	96.9	96.9	97.6	97.9	98.6	99.3
IV 0	27.9	78.5	83.9	87.6	91.5	92.0	94.0	95.0	95.3	96.4	96.9	97.0	97.7	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 21258

USAF ETAC FORM JUL 64 0-14.5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.6	46.0	48.4	50.5	52.0	52.2	53.3	53.6	53.6	54.0	54.3	54.3	55.1	55.2	55.5	55.9
W 20000	15.6	49.0	51.8	53.9	55.5	55.7	56.9	57.2	57.2	57.5	57.8	57.8	58.7	58.7	59.0	59.4
W 18000	15.6	49.2	52.1	54.2	55.7	56.0	57.1	57.4	57.4	57.8	58.0	58.1	58.9	59.0	59.2	59.7
W 16000	15.6	49.7	52.6	54.7	56.3	56.5	57.6	57.9	57.9	58.3	58.5	58.6	59.4	59.5	59.7	60.2
W 14000	15.9	51.1	54.0	56.3	57.8	58.1	59.2	59.5	59.5	59.9	60.1	60.2	61.0	61.1	61.3	61.8
W 12000	16.2	52.8	55.8	58.1	59.7	59.9	61.1	61.4	61.4	61.7	62.0	62.0	62.9	62.9	63.2	63.6
W 10000	16.6	55.1	58.2	60.4	62.0	62.3	63.4	63.7	63.7	64.1	64.4	64.4	65.2	65.3	65.6	66.0
W 9000	16.6	55.4	58.5	60.8	62.4	62.6	63.8	64.1	64.1	64.5	64.7	64.8	65.6	65.7	65.9	66.4
W 8000	16.9	56.6	59.9	62.3	64.0	64.2	65.4	65.7	65.7	66.1	66.4	66.4	67.2	67.3	67.6	68.0
W 7000	17.3	58.1	61.8	64.1	65.9	66.2	67.3	67.7	67.7	68.1	68.4	68.4	69.2	69.3	69.6	70.0
W 6000	17.6	60.6	64.5	67.1	68.9	69.1	70.3	70.7	70.7	71.1	71.4	71.4	72.2	72.3	72.6	73.0
W 5000	18.0	62.3	66.5	69.2	71.1	71.3	72.6	72.9	72.9	73.4	73.6	73.7	74.5	74.6	74.9	75.3
W 4500	18.2	62.7	66.9	69.6	71.6	71.9	73.1	73.5	73.5	74.0	74.2	74.3	75.1	75.2	75.4	75.9
W 4000	18.4	63.7	68.0	70.8	73.0	73.2	74.6	75.0	75.0	75.4	75.7	75.7	76.6	76.7	76.9	77.4
W 3500	18.4	64.5	68.9	71.8	74.0	74.3	75.6	76.1	76.1	76.5	76.8	76.8	77.7	77.7	78.0	78.5
W 3000	18.4	65.6	70.0	73.0	75.3	75.5	76.9	77.4	77.4	77.8	78.0	78.1	78.9	79.0	79.3	79.8
W 2500	18.5	65.9	70.6	73.8	76.2	76.4	77.7	78.2	78.2	78.6	78.9	79.0	79.9	80.0	80.2	80.8
W 2000	18.6	66.9	71.9	75.3	77.8	78.0	79.5	80.0	80.0	80.4	80.7	80.8	81.7	81.8	82.0	82.6
W 1800	18.6	67.3	72.4	75.8	78.2	78.4	80.0	80.5	80.5	80.9	81.2	81.3	82.2	82.3	82.5	83.1
W 1500	18.7	68.0	73.3	76.7	79.3	79.5	81.1	81.6	81.6	82.0	82.3	82.4	83.3	83.4	83.7	84.2
W 1200	18.7	69.0	74.3	77.8	80.5	80.7	82.4	82.9	82.9	83.4	83.7	83.7	84.7	84.8	85.0	85.6
W 1000	18.7	70.1	75.7	79.5	82.3	82.6	84.3	84.8	84.8	85.3	85.6	85.7	86.7	86.8	87.0	87.6
W 900	18.7	70.5	76.2	80.0	82.8	83.1	84.8	85.3	85.3	85.9	86.2	86.3	87.3	87.4	87.6	88.2
W 800	18.8	70.8	76.7	80.5	83.7	84.0	85.8	86.3	86.3	86.8	87.1	87.2	88.2	88.3	88.6	89.1
W 700	18.8	71.1	77.1	81.1	84.4	84.7	86.5	87.0	87.0	87.6	87.9	87.9	88.9	89.0	89.3	89.8
W 600	18.8	71.7	77.8	82.0	85.6	86.1	87.9	88.5	88.5	89.1	89.4	89.5	90.5	90.6	90.9	91.4
W 500	18.8	71.7	78.0	82.5	86.4	86.8	88.8	89.5	89.5	90.1	90.6	90.7	91.6	91.8	92.0	92.6
W 400	18.8	71.9	78.3	83.1	87.2	87.7	90.1	91.0	91.1	91.9	92.4	92.5	93.5	93.6	93.9	94.5
W 300	18.8	72.0	78.7	83.5	88.0	88.5	91.2	92.3	92.4	93.4	93.9	94.0	95.0	95.2	95.5	96.1
W 200	18.8	72.1	79.0	83.8	88.4	88.9	92.0	93.2	93.4	94.5	95.1	95.2	96.4	96.5	97.2	97.8
W 100	18.8	72.1	79.0	83.8	88.5	89.1	92.1	93.4	93.7	94.8	95.5	95.5	96.9	97.2	98.2	99.0
W 0	18.8	72.1	79.0	83.8	88.5	89.1	92.1	93.4	93.7	94.8	95.5	95.6	97.1	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2668

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.8	44.7	47.8	49.9	51.2	51.4	52.2	52.6	52.7	53.2	53.6	53.6	54.3	54.4	54.8	55.3
≥ 20000	14.8	47.9	51.0	53.2	54.5	54.7	55.6	55.9	56.1	56.6	57.0	57.0	57.6	57.8	58.2	58.8
≥ 18000	14.8	48.0	51.1	53.3	54.7	54.9	55.7	56.1	56.2	56.7	57.2	57.2	57.8	57.9	58.4	58.9
≥ 16000	14.8	48.2	51.3	53.6	54.9	55.1	56.0	56.3	56.4	57.0	57.4	57.4	58.0	58.1	58.6	59.1
≥ 14000	15.0	49.1	52.2	54.4	55.8	56.0	56.8	57.2	57.3	57.8	58.2	58.2	58.9	59.0	59.4	60.0
≥ 12000	15.2	50.6	53.7	56.0	57.4	57.6	58.5	58.9	59.0	59.6	60.0	60.0	60.6	60.7	61.2	61.7
≥ 10000	15.8	53.2	56.4	58.8	60.2	60.3	61.3	61.7	61.8	62.3	62.7	62.7	63.4	63.5	63.9	64.5
≥ 9000	15.9	53.6	56.9	59.2	60.6	60.8	61.7	62.1	62.2	62.7	63.2	63.2	63.8	63.9	64.4	64.9
≥ 8000	16.2	54.7	58.1	60.5	61.9	62.1	63.1	63.5	63.6	64.2	64.6	64.6	65.2	65.3	65.8	66.3
≥ 7000	16.5	57.3	61.0	63.4	65.0	65.1	66.1	66.5	66.7	67.2	67.6	67.6	68.3	68.4	68.8	69.4
≥ 6000	16.8	58.9	62.8	65.2	66.8	67.0	68.0	68.4	68.6	69.1	69.5	69.5	70.1	70.2	70.7	71.3
≥ 5000	17.1	61.1	65.3	67.9	69.6	69.8	70.9	71.3	71.4	72.0	72.5	72.5	73.1	73.2	73.7	74.3
≥ 4500	17.2	61.6	65.9	68.6	70.4	70.6	71.6	72.0	72.2	72.7	73.2	73.2	73.8	74.0	74.4	75.0
≥ 4000	17.2	62.5	66.9	69.6	71.4	71.6	72.7	73.1	73.2	73.8	74.3	74.3	74.9	75.0	75.5	76.1
≥ 3500	17.2	63.1	67.7	70.6	72.4	72.6	73.7	74.1	74.3	74.8	75.3	75.3	75.9	76.0	76.5	77.1
≥ 3000	17.3	63.9	68.6	71.5	73.5	73.7	74.8	75.2	75.3	75.9	76.4	76.4	77.1	77.2	77.7	78.3
≥ 2500	17.3	64.7	69.8	72.9	75.0	75.2	76.3	76.8	76.9	77.4	78.0	78.0	78.8	78.9	79.4	80.1
≥ 2000	17.4	65.7	70.8	74.1	76.3	76.5	77.8	78.2	78.4	78.9	79.5	79.5	80.3	80.4	80.9	81.6
≥ 1800	17.5	66.1	71.2	74.6	76.8	77.0	78.3	78.7	78.9	79.4	80.0	80.0	80.8	80.9	81.4	82.0
≥ 1500	17.6	66.8	72.0	75.5	77.8	78.0	79.3	79.8	79.9	80.5	81.1	81.1	81.9	82.0	82.5	83.2
≥ 1200	17.7	68.0	73.3	76.8	79.3	79.5	80.8	81.3	81.4	82.0	82.6	82.6	83.4	83.5	84.0	84.7
≥ 1000	17.7	68.6	74.0	77.8	80.4	80.6	82.0	82.5	82.6	83.4	84.0	84.0	84.8	84.9	85.4	86.1
≥ 900	17.7	68.8	74.5	78.4	81.3	81.5	83.0	83.5	83.6	84.4	85.0	85.0	85.8	85.9	86.4	87.1
≥ 800	17.7	69.0	74.9	78.9	81.8	82.1	83.6	84.1	84.3	85.0	85.6	85.6	86.5	86.6	87.1	87.8
≥ 700	17.7	69.5	75.4	79.6	82.6	82.9	84.6	85.1	85.3	86.1	86.7	86.7	87.6	87.7	88.2	88.8
≥ 600	17.7	69.7	75.7	80.0	83.4	83.7	85.6	86.2	86.4	87.2	87.9	87.9	88.8	88.9	89.4	90.0
≥ 500	17.7	70.0	76.5	81.1	84.7	85.0	87.2	88.0	88.1	89.0	89.7	89.7	90.6	90.7	91.2	91.9
≥ 400	17.7	70.4	77.0	81.9	85.9	86.4	88.8	89.9	90.0	91.1	91.8	91.8	92.7	92.8	93.5	94.2
≥ 300	17.7	70.4	77.2	82.4	86.6	87.0	89.7	90.8	91.0	92.3	93.1	93.1	94.1	94.2	94.9	95.6
≥ 200	17.7	70.5	77.4	82.6	86.8	87.2	90.1	91.5	91.8	93.7	94.6	94.6	95.7	95.9	96.7	97.5
≥ 100	17.7	70.5	77.4	82.6	86.8	87.3	90.2	91.6	92.0	94.0	95.1	95.1	96.4	96.6	97.5	98.6
≥ 0	17.7	70.5	77.4	82.6	86.8	87.3	90.2	91.7	92.0	94.0	95.1	95.2	96.6	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2668

USAF ETAC 014-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	13.8	39.6	42.8	44.1	45.5	45.6	46.5	46.8	46.9	47.4	47.8	47.8	48.2	48.3	48.4	48.9
≥ 20000	15.2	43.5	47.1	48.4	49.9	50.1	51.1	51.4	51.5	52.1	52.4	52.4	52.9	53.0	53.1	53.6
18000	15.3	43.9	47.5	48.8	50.3	50.5	51.5	51.8	51.9	52.5	52.8	52.8	53.3	53.4	53.5	54.0
14000	15.3	44.2	47.8	49.1	50.6	50.8	51.8	52.1	52.2	52.8	53.1	53.1	53.6	53.7	53.8	54.3
11000	15.7	45.2	48.8	50.1	51.7	51.8	52.9	53.1	53.2	53.8	54.1	54.1	54.7	54.8	54.9	55.4
12000	16.0	46.8	50.6	52.0	53.7	53.9	55.0	55.2	55.3	55.9	56.2	56.2	56.8	56.9	57.0	57.5
10000	16.9	49.3	53.2	54.6	56.3	56.6	57.7	57.9	58.0	58.7	59.0	59.0	59.6	59.7	59.8	60.3
9000	16.9	49.8	53.7	55.1	56.9	57.1	58.2	58.5	58.6	59.3	59.7	59.7	60.2	60.3	60.4	61.0
8000	17.4	51.5	55.7	57.3	59.2	59.5	60.6	60.9	61.0	61.7	62.1	62.1	62.6	62.8	62.8	63.5
7000	17.7	53.6	57.9	59.6	61.7	62.0	63.1	63.5	63.6	64.3	64.7	64.7	65.3	65.4	65.5	66.2
6000	18.1	55.7	60.1	61.9	64.0	64.3	65.5	65.8	65.9	66.7	67.1	67.1	67.7	67.8	67.9	68.5
5000	18.4	58.1	62.9	64.8	66.9	67.2	68.5	68.9	69.0	69.8	70.2	70.2	70.9	71.0	71.0	71.8
4500	18.5	58.5	63.4	65.4	67.5	67.8	69.2	69.6	69.7	70.6	71.0	71.0	71.6	71.8	71.8	72.5
4000	18.7	60.0	64.9	67.0	69.1	69.4	70.9	71.3	71.4	72.4	72.9	72.9	73.6	73.7	73.8	74.5
3500	18.8	60.4	65.5	67.6	69.7	70.1	71.5	71.9	72.1	73.0	73.5	73.5	74.4	74.5	74.6	75.3
3000	18.9	61.5	66.7	68.9	71.2	71.6	73.0	73.5	73.6	74.5	75.0	75.1	75.9	76.0	76.1	76.8
2500	19.1	62.4	67.9	70.2	72.6	72.9	74.5	74.9	75.0	76.0	76.5	76.6	77.4	77.5	77.6	78.3
2000	19.2	63.8	69.5	72.0	74.5	74.9	76.5	76.9	77.1	78.0	78.5	78.6	79.4	79.5	79.6	80.3
1800	19.3	64.2	70.0	72.4	75.0	75.3	77.0	77.5	77.6	78.5	79.1	79.1	79.9	80.0	80.1	80.9
1500	19.5	65.2	71.1	73.7	76.3	76.6	78.4	78.9	79.0	79.9	80.5	80.5	81.3	81.5	81.5	82.3
1200	19.5	66.0	72.1	74.9	77.6	78.0	79.8	80.3	80.4	81.3	81.9	81.9	82.8	82.9	82.9	83.7
1000	19.6	66.6	72.8	75.7	78.7	79.1	81.0	81.5	81.6	82.7	83.3	83.3	84.1	84.3	84.4	85.1
900	19.5	67.0	73.3	76.3	79.4	79.9	81.7	82.3	82.4	83.5	84.0	84.1	84.9	85.0	85.1	85.9
800	19.6	67.7	74.3	77.4	80.6	81.1	83.0	83.5	83.7	84.7	85.3	85.4	86.2	86.3	86.4	87.2
700	19.6	68.1	74.9	78.3	81.7	82.2	84.3	84.9	85.0	86.1	86.7	86.8	87.6	87.7	87.8	88.5
600	19.6	68.7	75.7	79.4	83.1	83.7	85.9	86.5	86.6	87.8	88.4	88.5	89.3	89.4	89.6	90.3
500	19.6	69.0	76.3	80.3	84.3	85.0	87.7	88.6	88.8	90.1	90.7	90.7	91.6	91.7	91.9	92.6
400	19.6	69.4	76.8	81.1	85.4	86.2	89.1	90.1	90.3	91.8	92.4	92.4	93.3	93.4	93.6	94.3
300	19.6	69.5	77.0	81.5	86.0	86.8	90.0	91.3	91.6	93.2	94.0	94.0	95.0	95.1	95.4	96.1
200	19.6	69.5	77.1	81.8	86.2	87.0	90.4	91.8	92.1	93.9	94.8	94.8	95.9	96.1	96.5	97.4
100	19.6	69.5	77.1	81.8	86.2	87.0	90.4	91.8	92.1	93.9	95.0	95.0	96.3	96.6	97.3	98.5
0	19.6	69.5	77.1	81.8	86.2	87.0	90.4	91.8	92.1	94.0	95.0	95.1	96.6	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2680

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13717
STATION #

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.7	42.5	44.7	45.6	46.2	46.3	46.4	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
IV 20000	24.5	48.5	51.3	52.3	52.9	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
IV 18000	24.7	48.9	51.6	52.6	53.3	53.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9
IV 16000	24.7	49.1	51.8	52.8	53.5	53.6	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1
IV 14000	25.5	50.5	53.3	54.3	55.0	55.1	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6
IV 12000	26.2	52.2	55.2	56.3	57.0	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6
IV 10000	27.1	54.8	58.0	59.1	59.8	60.0	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.5	60.5
IV 9000	27.3	55.4	58.7	59.8	60.6	60.8	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
IV 8000	28.0	57.1	60.8	62.0	62.8	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5
IV 7000	29.0	60.0	63.8	65.0	66.0	66.2	66.3	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
IV 6000	29.5	62.2	66.0	67.3	68.3	68.6	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1
IV 5000	30.0	64.4	68.3	69.7	70.7	71.0	71.2	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7
IV 4500	30.2	64.7	68.7	70.1	71.1	71.4	71.7	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.2	72.2
IV 4000	30.4	65.9	70.2	71.6	72.6	73.0	73.3	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
IV 3500	30.6	66.9	71.2	72.7	73.7	74.1	74.3	74.5	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.8
IV 3000	30.9	67.6	72.1	73.8	74.8	75.1	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
IV 2500	31.3	68.9	73.4	75.2	76.3	76.7	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6
IV 2000	31.8	70.6	75.2	77.0	78.3	78.6	79.0	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6
IV 1800	32.0	71.0	75.7	77.5	78.7	79.1	79.5	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0
IV 1500	32.3	71.8	76.7	78.6	79.9	80.2	80.7	81.0	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4
IV 1200	32.4	73.3	78.4	80.4	81.8	82.1	82.8	83.1	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.5
IV 1000	32.5	74.6	80.1	82.2	83.8	84.2	84.9	85.3	85.4	85.7	85.8	85.8	85.9	85.9	86.0	86.0
IV 900	32.5	75.2	80.8	82.9	84.7	85.1	85.8	86.2	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IV 800	32.5	75.9	81.7	84.1	86.0	86.4	87.2	87.7	87.8	88.1	88.3	88.3	88.4	88.4	88.4	88.4
IV 700	32.6	76.6	82.5	85.1	87.1	87.5	88.6	89.1	89.2	89.5	89.7	89.7	89.8	89.8	89.8	89.8
IV 600	32.7	77.2	83.4	86.1	88.3	89.0	90.4	91.1	91.1	91.5	91.7	91.7	91.8	91.8	91.9	91.9
IV 500	32.7	77.7	84.1	87.4	90.0	90.8	92.5	93.3	93.4	94.1	94.3	94.3	94.4	94.4	94.5	94.5
IV 400	32.7	77.8	84.6	88.2	91.0	91.8	93.7	94.9	95.0	95.9	96.0	96.0	96.3	96.3	96.4	96.4
IV 300	32.7	77.8	84.7	88.3	91.3	92.1	94.4	95.9	96.0	97.0	97.2	97.2	97.5	97.6	97.6	97.7
IV 200	32.7	77.8	84.7	88.5	91.4	92.3	94.7	96.3	96.6	97.7	98.1	98.1	98.6	98.8	99.0	99.1
IV 100	32.7	77.8	84.7	88.5	91.4	92.3	94.7	96.3	96.6	97.7	98.3	98.3	98.8	99.0	99.3	99.6
IV 0	32.7	77.8	84.7	88.5	91.4	92.3	94.7	96.3	96.6	97.7	98.3	98.3	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.2	43.7	45.2	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	30.4	52.4	54.2	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 18000	30.6	52.9	54.7	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 16000	30.7	53.3	55.1	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 14000	31.6	54.9	56.7	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 12000	32.2	56.7	58.6	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000	32.8	59.2	61.1	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 9000	33.2	60.1	62.0	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 8000	33.9	62.2	64.3	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 7000	34.7	64.3	66.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7
IV 6000	35.6	66.5	69.0	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
IV 5000	36.5	68.9	71.4	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4500	36.7	69.3	72.0	73.0	73.4	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
IV 4000	37.2	70.8	73.5	74.7	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 3500	37.7	72.1	74.8	76.0	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	38.3	73.5	76.3	77.5	77.8	78.0	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
IV 2500	39.0	74.8	77.8	78.9	79.3	79.5	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 2000	39.5	76.5	79.5	80.8	81.3	81.4	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 1800	39.7	77.0	80.0	81.3	81.8	82.0	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1500	40.0	78.1	81.2	82.7	83.4	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 1200	40.3	79.9	83.2	84.7	85.6	85.8	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	40.4	80.9	84.5	86.1	87.1	87.3	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 900	40.5	81.4	85.0	86.7	87.9	88.2	88.7	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 800	40.6	82.2	85.9	87.6	88.9	89.3	90.0	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
IV 700	40.6	82.7	86.7	88.6	90.0	90.5	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 600	40.7	83.1	87.2	89.0	90.7	91.3	92.4	93.2	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6
IV 500	40.7	83.9	88.2	90.2	92.1	92.9	94.5	95.3	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1
IV 400	40.7	84.1	88.6	90.8	92.7	93.6	95.6	96.5	96.9	97.2	97.3	97.4	97.6	97.6	97.6	97.6
IV 300	40.7	84.2	88.7	91.0	93.0	94.0	96.4	97.6	98.2	98.8	99.0	99.0	99.3	99.3	99.4	99.4
IV 200	40.7	84.3	88.8	91.1	93.1	94.2	96.6	97.9	98.5	99.2	99.4	99.4	99.8	99.9	99.9	99.9
IV 100	40.7	84.3	88.8	91.1	93.1	94.2	96.6	98.0	98.5	99.3	99.4	99.5	99.8	99.9	99.9	100.0
IV 0	40.7	84.3	88.8	91.1	93.1	94.2	96.6	98.0	98.5	99.3	99.4	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2675

USAF ETAC FORM 0-14.5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.9	45.0	46.5	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	29.5	53.8	55.6	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000	29.6	54.4	56.2	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	29.7	54.7	56.5	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
IV 14000	30.4	55.9	57.6	58.5	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 12000	31.4	57.6	59.6	60.4	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 10000	32.6	61.1	63.1	64.0	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
IV 9000	33.1	62.2	64.2	65.1	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9
IV 8000	34.0	64.6	66.7	67.8	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
IV 7000	34.4	66.6	68.7	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
IV 6000	35.6	68.9	71.2	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
IV 5000	36.6	70.7	73.2	74.3	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3
IV 4500	36.9	71.5	73.9	75.1	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
IV 4000	37.5	73.0	75.5	76.8	77.6	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
IV 3500	37.9	74.0	76.6	77.9	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
IV 3000	38.4	75.2	78.1	79.6	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
IV 2500	38.8	76.8	79.7	81.2	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
IV 2000	39.3	78.5	81.6	83.2	84.4	84.6	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
IV 1800	39.4	78.9	82.1	83.7	84.9	85.1	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6
IV 1500	39.6	79.7	82.9	84.6	85.8	86.0	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.6	86.6
IV 1200	39.7	80.6	84.0	85.8	87.2	87.4	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1
IV 1000	39.8	81.5	85.2	87.1	88.5	88.8	89.3	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8
IV 900	39.9	81.9	85.8	87.7	89.3	89.6	90.1	90.3	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.7
IV 800	39.9	82.3	86.5	88.5	90.2	90.6	91.2	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.9	91.9
IV 700	39.9	82.6	86.9	89.1	91.0	91.4	92.1	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9
IV 600	39.9	82.8	87.2	89.5	91.8	92.3	93.2	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.3	94.3
IV 500	40.0	83.7	88.4	90.7	93.3	93.8	95.1	95.6	95.8	96.2	96.4	96.4	96.5	96.5	96.6	96.6
IV 400	40.0	83.8	88.4	90.9	93.5	94.1	95.8	96.4	96.6	97.0	97.2	97.2	97.3	97.4	97.4	97.4
IV 300	40.0	83.9	88.5	91.0	93.7	94.5	96.3	97.1	97.2	97.9	98.3	98.3	98.4	98.4	98.5	98.5
IV 200	40.0	83.9	88.5	91.0	93.8	94.6	96.5	97.6	97.9	98.7	99.3	99.3	99.4	99.5	99.7	99.7
IV 100	40.0	83.9	88.5	91.0	93.8	94.6	96.5	97.6	97.9	98.7	99.3	99.3	99.5	99.6	99.7	99.8
IV 0	40.0	83.9	88.5	91.0	93.8	94.6	96.5	97.6	97.9	98.7	99.3	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2680

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.8	48.2	50.7	51.4	52.2	52.3	52.6	52.8	52.8	53.1	53.1	53.1	53.1	53.2	53.2	53.2
IV 20000	22.9	53.6	56.6	57.4	58.3	58.5	58.8	59.1	59.1	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 18000	22.9	54.2	57.1	58.0	58.9	59.1	59.4	59.7	59.7	60.0	60.0	60.0	60.0	60.1	60.1	60.1
IV 16000	22.9	54.5	57.4	58.3	59.3	59.4	59.8	60.0	60.0	60.3	60.3	60.3	60.3	60.4	60.5	60.5
IV 14000	23.5	55.6	58.6	59.6	60.5	60.7	61.0	61.3	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7
IV 12000	23.9	56.9	59.9	60.9	62.0	62.1	62.4	62.7	62.7	63.0	63.0	63.0	63.0	63.2	63.2	63.2
IV 10000	24.7	59.3	62.4	63.5	64.6	64.7	65.1	65.4	65.4	65.7	65.7	65.7	65.7	65.8	65.8	65.8
IV 9000	25.2	60.2	63.5	64.6	65.7	65.8	66.2	66.4	66.4	66.9	66.9	66.9	66.9	67.0	67.0	67.0
IV 8000	25.7	61.7	65.1	66.3	67.4	67.5	67.9	68.1	68.1	68.5	68.5	68.5	68.5	68.6	68.7	68.7
IV 7000	26.0	63.9	67.4	68.5	69.7	69.8	70.1	70.4	70.4	70.8	70.8	70.8	70.8	71.0	71.0	71.0
IV 6000	26.6	65.8	69.4	70.7	71.9	72.0	72.4	72.6	72.6	73.0	73.1	73.1	73.1	73.2	73.2	73.2
IV 5000	27.2	68.1	72.0	73.5	74.6	74.8	75.2	75.5	75.5	76.0	76.0	76.0	76.0	76.1	76.2	76.2
IV 4500	27.5	68.8	72.8	74.2	75.5	75.7	76.1	76.4	76.4	76.9	77.0	77.0	77.0	77.1	77.2	77.2
IV 4000	27.8	70.0	74.1	75.6	76.9	77.0	77.5	77.8	77.8	78.3	78.4	78.4	78.4	78.5	78.5	78.5
IV 3500	28.1	70.7	75.0	76.6	78.0	78.2	78.7	78.9	78.9	79.5	79.5	79.5	79.5	79.7	79.7	79.7
IV 3000	28.2	71.3	76.0	77.6	79.1	79.3	79.8	80.1	80.1	80.7	80.7	80.7	80.7	80.8	80.9	80.9
IV 2500	28.3	72.8	77.8	79.7	81.3	81.5	82.1	82.3	82.3	82.9	83.0	83.0	83.0	83.1	83.2	83.2
IV 2000	28.6	74.2	79.7	81.7	83.6	83.8	84.4	84.6	84.6	85.2	85.3	85.3	85.3	85.4	85.4	85.4
IV 1800	28.6	74.5	79.9	82.0	83.9	84.2	84.7	85.0	85.0	85.7	85.7	85.7	85.7	85.8	85.9	85.9
IV 1500	28.7	75.4	80.9	83.2	85.2	85.5	86.0	86.3	86.3	87.0	87.0	87.0	87.0	87.1	87.2	87.2
IV 1200	28.7	76.0	81.7	84.1	86.2	86.5	87.1	87.3	87.4	88.1	88.1	88.1	88.1	88.2	88.3	88.3
IV 1000	28.8	76.6	82.4	84.9	87.0	87.4	88.1	88.4	88.5	89.1	89.2	89.2	89.2	89.3	89.4	89.4
IV 900	28.9	76.7	82.6	85.3	87.5	87.9	88.7	88.9	89.0	89.7	89.8	89.8	89.8	89.9	90.0	90.0
IV 800	29.0	76.9	83.0	85.7	88.0	88.4	89.2	89.6	89.7	90.6	90.6	90.6	90.7	90.8	90.9	90.9
IV 700	29.0	77.2	83.4	86.1	88.7	89.1	90.1	90.6	90.7	91.5	91.6	91.6	91.6	91.8	91.8	91.8
IV 600	29.0	77.4	83.7	86.7	89.5	90.2	91.3	91.8	91.9	92.8	92.9	92.9	93.1	93.2	93.2	93.2
IV 500	29.0	77.6	84.0	87.2	90.1	90.9	92.2	92.8	92.9	93.8	94.0	94.0	94.1	94.3	94.3	94.3
IV 400	29.0	77.8	84.4	87.8	91.2	92.0	93.7	94.5	94.7	95.7	96.0	96.0	96.2	96.3	96.4	96.4
IV 300	29.0	77.8	84.5	88.1	91.6	92.5	94.4	95.2	95.5	96.6	97.0	97.1	97.3	97.4	97.6	97.6
IV 200	29.0	77.8	84.5	88.1	91.8	92.8	94.7	95.8	96.2	97.5	98.2	98.2	98.7	98.8	99.1	99.1
IV 100	29.0	77.8	84.5	88.1	91.8	92.8	94.7	95.9	96.3	97.5	98.3	98.4	99.0	99.1	99.4	99.7
IV 0	29.0	77.8	84.5	88.1	91.8	92.8	94.7	95.9	96.3	97.5	98.3	98.4	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2679

USAF ETAC FORM 10-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	16.4	47.4	50.1	51.9	53.4	53.6	54.4	54.8	54.8	55.3	55.5	55.5	55.9	56.0	56.0	56.2
≥ 20000	17.7	51.1	53.9	55.7	57.3	57.5	58.4	58.8	58.8	59.2	59.5	59.5	59.9	59.9	60.0	60.2
IV 18000	17.7	51.5	54.4	56.2	57.7	57.9	58.9	59.3	59.3	59.7	59.9	59.9	60.4	60.4	60.5	60.6
IV 16000	17.7	52.0	54.8	56.6	58.2	58.4	59.3	59.7	59.7	60.1	60.4	60.4	60.8	60.8	60.9	61.1
IV 14000	18.0	53.3	56.3	58.1	59.6	59.8	60.8	61.2	61.2	61.6	61.8	61.9	62.3	62.3	62.4	62.6
IV 12000	18.3	55.1	58.3	60.1	61.7	61.9	63.0	63.4	63.4	63.8	64.0	64.1	64.5	64.5	64.6	64.8
IV 10000	18.8	56.8	60.1	62.0	63.6	63.8	65.0	65.4	65.4	65.8	66.0	66.0	66.5	66.5	66.6	66.8
IV 9000	18.8	57.3	60.7	62.6	64.3	64.5	65.6	66.0	66.0	66.5	66.7	66.7	67.1	67.2	67.3	67.5
IV 8000	19.2	58.7	62.3	64.2	66.0	66.3	67.5	67.9	67.9	68.3	68.5	68.6	69.0	69.1	69.2	69.3
IV 7000	19.5	60.2	64.1	66.3	68.1	68.3	69.5	69.9	69.9	70.3	70.5	70.6	71.0	71.1	71.2	71.4
IV 6000	19.9	62.3	66.3	68.6	70.4	70.6	71.8	72.3	72.3	72.7	72.9	72.9	73.4	73.5	73.5	73.7
IV 5000	20.5	65.1	69.5	71.9	73.8	74.1	75.4	75.9	75.9	76.3	76.5	76.5	77.0	77.0	77.1	77.3
IV 4500	20.8	65.5	70.0	72.4	74.5	74.7	76.1	76.5	76.5	76.9	77.2	77.2	77.6	77.7	77.8	78.0
IV 4000	21.0	66.6	71.1	73.6	75.8	76.0	77.5	77.9	77.9	78.3	78.5	78.6	79.0	79.1	79.2	79.4
IV 3500	21.1	67.4	71.9	74.5	76.7	76.9	78.4	78.8	78.8	79.3	79.5	79.6	80.0	80.1	80.2	80.4
IV 3000	21.2	68.3	72.9	75.6	77.9	78.1	79.6	80.0	80.0	80.4	80.7	80.7	81.2	81.2	81.3	81.6
IV 2500	21.2	68.9	73.8	76.6	79.0	79.2	80.7	81.1	81.1	81.5	81.8	81.8	82.3	82.4	82.4	82.7
IV 2000	21.2	70.0	75.1	78.0	80.5	80.7	82.4	82.8	82.8	83.2	83.5	83.5	83.9	84.0	84.1	84.4
IV 1800	21.3	70.2	75.4	78.4	80.8	81.1	82.7	83.1	83.1	83.6	83.9	83.9	84.4	84.5	84.5	84.8
IV 1500	21.6	71.1	76.5	79.4	82.1	82.3	84.1	84.5	84.5	85.0	85.2	85.3	85.7	85.8	85.9	86.1
IV 1200	21.7	71.7	77.3	80.5	83.3	83.5	85.3	85.7	85.7	86.3	86.5	86.6	87.0	87.1	87.2	87.4
IV 1000	21.7	72.1	78.1	81.5	84.6	84.8	86.6	87.0	87.0	87.5	87.8	87.8	88.3	88.4	88.4	88.7
IV 900	21.7	72.3	78.2	81.9	85.0	85.3	87.2	87.6	87.6	88.1	88.4	88.4	88.8	88.9	89.0	89.3
IV 800	21.7	72.5	78.7	82.5	85.8	86.2	88.1	88.5	88.6	89.2	89.4	89.5	89.9	90.0	90.1	90.4
IV 700	21.7	73.0	79.2	83.2	86.6	87.0	89.0	89.4	89.4	90.1	90.4	90.5	90.9	91.0	91.1	91.4
IV 600	21.7	73.3	79.7	84.0	87.6	88.2	90.3	90.8	90.8	91.5	91.9	91.9	92.5	92.6	92.7	93.0
IV 500	21.7	73.5	79.9	84.4	88.3	89.0	91.1	91.7	91.7	92.5	92.9	92.9	93.5	93.6	93.7	94.0
IV 400	21.7	73.6	80.3	85.0	89.0	89.9	92.6	93.2	93.3	94.2	94.8	94.8	95.5	95.5	95.7	95.9
IV 300	21.7	73.6	80.5	85.3	89.6	90.7	93.6	94.4	94.5	95.5	96.1	96.1	96.7	96.8	97.0	97.3
IV 200	21.7	73.7	80.5	85.4	89.8	90.9	94.0	94.9	95.2	96.2	96.9	97.0	97.6	97.9	98.2	98.4
IV 100	21.7	73.7	80.5	85.4	89.8	91.0	94.0	95.1	95.3	96.4	97.3	97.3	98.2	98.4	98.8	99.3
IV 0	21.7	73.7	80.5	85.4	89.8	91.0	94.0	95.1	95.3	96.4	97.3	97.4	98.3	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	12.6	47.5	50.9	53.2	54.6	54.6	55.4	55.6	55.7	56.5	56.8	56.8	57.3	57.3	57.5	58.1
≥ 20000	13.7	50.8	54.5	56.8	58.5	58.5	59.3	59.5	59.7	60.4	60.7	61.3	61.3	61.3	61.4	62.1
≥ 18000	13.7	51.1	54.9	57.2	58.9	58.9	59.7	59.9	60.0	60.8	61.1	61.1	61.6	61.7	61.8	62.5
≥ 16000	13.7	51.2	55.0	57.3	59.0	59.0	59.8	60.0	60.2	60.9	61.2	61.2	61.8	61.8	61.9	62.6
≥ 14000	13.8	52.6	56.4	58.7	60.4	60.5	61.2	61.5	61.6	62.3	62.6	62.6	63.2	63.2	63.4	64.0
≥ 12000	14.3	54.1	58.0	60.6	62.3	62.3	63.1	63.3	63.4	64.2	64.5	64.5	65.0	65.1	65.2	65.9
≥ 10000	15.0	56.1	60.2	62.9	64.6	64.6	65.4	65.7	65.8	66.5	66.8	66.8	67.4	67.4	67.5	68.2
≥ 9000	15.0	56.8	61.2	63.9	65.6	65.6	66.4	66.7	66.8	67.5	67.8	67.8	68.4	68.4	68.6	69.2
≥ 8000	15.3	58.4	63.0	65.8	67.6	67.7	68.5	68.8	68.9	69.6	70.0	70.0	70.5	70.6	70.7	71.4
≥ 7000	15.5	60.1	64.9	67.7	69.6	69.6	70.6	70.9	71.0	71.7	72.0	72.0	72.6	72.7	72.8	73.4
≥ 6000	15.6	61.5	66.4	69.3	71.2	71.3	72.3	72.5	72.7	73.4	73.7	73.7	74.3	74.3	74.5	75.2
≥ 5000	16.1	63.5	68.6	71.6	73.6	73.6	74.8	75.2	75.3	76.0	76.4	76.4	76.9	77.0	77.1	77.8
≥ 4500	16.2	64.1	69.2	72.2	74.3	74.3	75.5	75.8	75.9	76.7	77.0	77.0	77.6	77.7	77.8	78.5
≥ 4000	16.5	65.5	70.8	74.0	76.1	76.2	77.4	77.7	77.9	78.6	79.0	79.0	79.5	79.6	79.8	80.4
≥ 3500	16.5	66.1	71.4	74.7	76.9	76.9	78.2	78.5	78.6	79.4	79.7	79.7	80.3	80.3	80.5	81.1
≥ 3000	16.7	67.1	72.6	76.0	78.2	78.3	79.7	80.0	80.2	80.9	81.3	81.3	81.9	81.9	82.1	82.7
≥ 2500	16.7	67.8	73.4	76.8	79.1	79.2	80.7	81.0	81.1	81.9	82.3	82.3	83.0	83.0	83.2	83.8
≥ 2000	16.8	69.3	75.1	78.7	81.1	81.1	82.7	83.0	83.2	84.1	84.5	84.5	85.1	85.2	85.3	86.0
≥ 1800	16.8	69.5	75.5	79.1	81.5	81.6	83.1	83.5	83.6	84.5	84.9	85.0	85.6	85.6	85.8	86.4
≥ 1500	16.9	70.3	76.2	80.0	82.4	82.5	84.0	84.4	84.5	85.4	85.8	85.9	86.5	86.5	86.7	87.4
≥ 1200	16.9	70.7	76.9	80.7	83.3	83.4	85.0	85.4	85.5	86.5	86.9	86.9	87.5	87.6	87.7	88.4
≥ 1000	17.0	71.6	77.8	82.0	84.8	84.9	86.4	86.8	87.0	88.0	88.4	88.4	89.1	89.1	89.3	90.0
≥ 900	17.0	71.8	78.2	82.3	85.2	85.3	86.9	87.3	87.4	88.4	88.9	88.9	89.5	89.5	89.7	90.4
≥ 800	17.0	72.1	78.6	82.8	85.7	85.9	87.5	88.0	88.1	89.1	89.5	89.6	90.2	90.2	90.4	91.1
≥ 700	17.0	72.2	78.6	83.0	86.1	86.4	88.0	88.5	88.6	89.7	90.2	90.2	90.8	90.9	91.0	91.7
≥ 600	17.0	72.5	79.2	83.9	87.2	87.5	89.1	89.6	89.7	90.9	91.4	91.4	92.0	92.1	92.3	93.0
≥ 500	17.0	72.8	79.6	84.4	87.9	88.2	90.2	90.7	90.8	92.2	92.6	92.7	93.3	93.3	93.5	94.2
≥ 400	17.0	73.0	79.8	84.8	88.6	88.9	91.3	91.8	92.0	93.4	93.9	93.9	94.6	94.6	94.8	95.5
≥ 300	17.0	73.0	79.9	85.0	89.0	89.4	92.1	92.7	92.9	94.5	95.0	95.1	95.7	95.9	96.1	96.9
≥ 200	17.0	73.1	80.0	85.1	89.1	89.5	92.5	93.4	93.6	95.6	96.2	96.3	97.1	97.3	97.6	98.4
≥ 100	17.0	73.1	80.0	85.1	89.1	89.5	92.5	93.4	93.7	96.0	96.8	96.8	97.7	97.9	98.4	99.3
≥ 0	17.0	73.1	80.0	85.1	89.1	89.5	92.5	93.4	93.7	96.0	96.8	96.8	97.6	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2440

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.7	47.1	50.3	52.1	54.2	54.3	55.4	55.6	55.6	56.2	56.5	56.6	57.2	57.2	57.4	58.1
≥ 20000	12.7	50.9	54.1	56.2	58.4	58.5	59.5	59.8	59.8	60.6	60.8	61.0	61.5	61.6	61.8	62.4
IV 18000	12.7	51.2	54.4	56.6	58.8	58.9	59.9	60.2	60.2	61.0	61.3	61.4	62.0	62.0	62.2	62.9
IV 16000	12.7	51.3	54.6	56.7	59.0	59.1	60.1	60.4	60.4	61.2	61.5	61.6	62.2	62.2	62.4	63.1
IV 14000	12.8	52.2	55.5	57.7	60.0	60.1	61.2	61.5	61.5	62.2	62.5	62.6	63.2	63.3	63.5	64.1
IV 12000	13.1	53.9	57.4	59.6	62.0	62.1	63.3	63.5	63.6	64.3	64.6	64.7	65.3	65.3	65.6	66.2
IV 10000	13.5	56.0	59.7	62.1	64.6	64.7	65.9	66.1	66.2	66.9	67.2	67.3	67.9	67.9	68.3	68.9
IV 9000	13.8	56.9	60.6	63.0	65.5	65.6	66.8	67.0	67.1	67.8	68.1	68.2	68.8	68.8	69.2	69.8
IV 8000	13.9	58.7	62.5	64.9	67.5	67.7	68.9	69.2	69.2	69.9	70.2	70.4	70.9	71.0	71.3	71.9
IV 7000	14.1	60.1	64.0	66.5	69.1	69.3	70.6	70.8	70.9	71.6	71.9	72.0	72.6	72.7	73.0	73.6
IV 6000	14.2	61.7	65.9	68.4	71.1	71.3	72.7	72.9	73.0	73.8	74.0	74.2	74.8	74.8	75.2	75.9
IV 5000	14.4	63.6	67.9	70.4	73.2	73.3	74.7	75.0	75.1	75.9	76.1	76.3	76.9	76.9	77.3	77.9
IV 4500	14.6	64.3	68.6	71.3	74.0	74.2	75.6	75.9	75.9	76.7	77.0	77.1	77.7	77.8	78.2	78.8
IV 4000	14.7	64.9	69.4	72.3	75.2	75.3	76.8	77.2	77.2	78.0	78.3	78.4	79.0	79.0	79.5	80.1
IV 3500	14.8	65.8	70.4	73.3	76.2	76.4	77.9	78.2	78.3	79.0	79.3	79.5	80.1	80.1	80.5	81.1
IV 3000	15.0	66.9	71.7	74.6	77.5	77.7	79.3	79.7	79.7	80.5	80.8	80.9	81.5	81.5	82.0	82.6
IV 2500	15.2	67.7	72.7	75.7	78.8	79.0	80.6	81.0	81.0	81.8	82.1	82.2	82.9	82.9	83.3	83.9
IV 2000	15.3	68.9	74.0	77.3	80.4	80.6	82.3	82.7	82.7	83.6	83.9	84.0	84.7	84.7	85.1	85.7
IV 1800	15.3	69.0	74.1	77.5	80.6	80.8	82.5	82.9	83.0	83.8	84.1	84.3	84.9	85.0	85.4	86.0
IV 1500	15.4	69.4	74.5	77.9	81.1	81.3	83.1	83.5	83.6	84.4	84.7	84.8	85.5	85.5	86.0	86.6
IV 1200	15.5	70.0	75.2	78.6	81.9	82.1	84.0	84.4	84.5	85.3	85.6	85.7	86.4	86.4	86.9	87.5
IV 1000	15.5	70.8	76.5	80.1	83.4	83.7	85.6	86.1	86.1	87.0	87.3	87.4	88.1	88.1	88.6	89.2
IV 900	15.5	71.1	76.7	80.5	83.8	84.1	86.1	86.6	86.6	87.6	87.9	88.0	88.6	88.7	89.1	89.7
IV 800	15.5	71.4	77.0	81.0	84.4	84.7	86.8	87.2	87.3	88.4	88.7	88.8	89.5	89.5	90.0	90.6
IV 700	15.5	71.8	77.7	81.7	85.4	85.7	87.7	88.2	88.3	89.4	89.7	89.8	90.5	90.5	91.0	91.6
IV 600	15.5	72.1	78.2	82.5	86.2	86.5	88.8	89.3	89.3	90.5	90.8	90.8	91.6	91.6	92.0	92.7
IV 500	15.5	72.2	78.4	82.9	86.8	87.1	89.8	90.3	90.4	91.6	91.9	92.0	92.7	92.7	93.2	93.8
IV 400	15.5	72.4	78.8	83.4	87.6	87.9	90.9	91.5	91.6	92.9	93.2	93.4	94.1	94.1	94.5	95.2
IV 300	15.5	72.5	78.8	83.6	87.9	88.3	91.8	92.4	92.6	94.1	94.4	94.5	95.3	95.3	95.9	96.6
IV 200	15.5	72.6	78.9	83.8	88.0	88.4	92.1	92.9	93.1	94.9	95.4	95.6	96.5	96.6	97.3	98.1
IV 100	15.5	72.6	78.9	83.8	88.0	88.4	92.1	93.0	93.2	95.2	95.7	95.9	97.0	97.1	98.2	99.1
IV 0	15.5	72.6	78.9	83.8	88.0	88.4	92.1	93.0	93.2	95.2	95.7	95.9	97.1	97.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2439

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	13.5	42.4	45.3	46.7	48.8	48.9	49.5	49.7	49.8	50.4	50.5	50.5	50.9	51.0	51.3	51.7
IV 20000	14.8	46.8	49.9	51.5	53.7	53.8	54.5	54.8	54.9	55.6	55.7	55.8	56.3	56.5	56.8	57.3
IV 18000	14.8	47.3	50.4	52.1	54.2	54.3	55.0	55.3	55.4	56.1	56.3	56.3	56.8	57.1	57.3	57.8
IV 16000	14.8	47.7	50.9	52.5	54.7	54.8	55.5	55.7	55.9	56.6	56.7	56.8	57.3	57.5	57.8	58.3
IV 14000	14.9	48.2	51.4	53.0	55.3	55.4	56.0	56.4	56.5	57.2	57.3	57.4	57.9	58.1	58.4	58.9
IV 12000	15.3	50.1	53.5	55.1	57.4	57.5	58.2	58.5	58.7	59.4	59.6	59.6	60.1	60.3	60.6	61.1
IV 10000	16.2	53.0	56.7	58.5	61.0	61.1	61.7	62.1	62.2	63.0	63.1	63.2	63.7	63.9	64.2	64.7
IV 9000	16.4	53.8	57.6	59.4	61.9	62.0	62.7	63.0	63.2	63.9	64.1	64.1	64.6	64.8	65.1	65.6
IV 8000	16.7	55.5	59.4	61.2	63.9	64.0	64.8	65.1	65.3	66.0	66.2	66.2	66.8	67.0	67.3	67.8
IV 7000	17.2	57.3	61.3	63.3	66.0	66.2	66.9	67.3	67.4	68.2	68.4	68.4	68.9	69.2	69.5	70.0
IV 6000	17.6	58.7	63.0	65.2	68.0	68.2	69.0	69.4	69.6	70.4	70.5	70.6	71.1	71.3	71.7	72.2
IV 5000	17.9	60.4	65.0	67.2	70.2	70.4	71.2	71.7	71.8	72.6	72.8	72.9	73.4	73.6	74.0	74.5
IV 4500	18.0	61.1	65.8	68.0	71.1	71.2	72.1	72.5	72.7	73.5	73.7	73.7	74.3	74.5	74.8	75.4
IV 4000	18.2	62.6	67.6	70.0	73.2	73.4	74.3	74.9	75.0	75.9	76.0	76.1	76.7	76.9	77.2	77.8
IV 3500	18.5	63.9	69.1	71.7	74.9	75.1	76.0	76.5	76.7	77.6	77.8	77.9	78.4	78.6	79.0	79.5
IV 3000	18.7	64.7	70.0	72.7	76.0	76.2	77.2	77.7	77.9	78.8	78.9	79.0	79.6	79.9	80.2	80.8
IV 2500	18.8	65.7	71.3	74.2	77.5	77.7	78.8	79.3	79.5	80.4	80.5	80.6	81.2	81.5	81.8	82.4
IV 2000	19.1	66.8	72.6	75.6	79.0	79.2	80.3	80.9	81.1	82.0	82.1	82.2	82.8	83.1	83.4	84.0
IV 1800	19.1	67.1	72.9	75.9	79.4	79.6	80.8	81.3	81.5	82.4	82.6	82.6	83.3	83.5	83.8	84.4
IV 1500	19.3	67.8	73.6	76.7	80.3	80.5	81.7	82.4	82.5	83.4	83.6	83.7	84.3	84.5	84.9	85.5
IV 1200	19.3	68.6	74.7	77.9	81.5	81.7	83.1	83.8	84.0	84.9	85.0	85.1	85.7	86.0	86.3	87.0
IV 1000	19.3	69.3	75.7	78.9	82.8	83.0	84.5	85.2	85.3	86.2	86.4	86.5	87.1	87.3	87.7	88.4
IV 900	19.3	69.6	76.0	79.4	83.3	83.6	85.1	85.8	85.9	86.8	87.0	87.1	87.7	87.9	88.4	89.0
IV 800	19.4	70.0	76.6	80.0	84.0	84.3	86.0	86.7	86.9	87.9	88.0	88.1	88.7	89.0	89.4	90.0
IV 700	19.4	70.5	77.4	81.0	85.1	85.4	87.0	87.8	87.9	89.0	89.1	89.2	89.8	90.1	90.5	91.1
IV 600	19.4	70.8	77.8	81.5	85.8	86.1	87.8	88.5	88.7	89.7	89.9	90.0	90.6	90.8	91.2	91.8
IV 500	19.4	71.1	78.3	82.1	86.5	86.9	88.8	89.5	89.8	90.9	91.1	91.2	91.8	92.1	92.5	93.1
IV 400	19.4	71.4	78.7	82.8	87.4	87.9	90.1	90.9	91.3	92.6	93.0	93.1	93.8	94.0	94.5	95.1
IV 300	19.4	71.4	78.8	82.9	87.8	88.3	90.8	91.8	92.2	93.8	94.3	94.4	95.3	95.6	96.1	96.8
IV 200	19.4	71.4	78.9	83.0	87.9	88.4	91.2	92.4	92.9	94.5	95.3	95.4	96.5	96.8	97.5	98.3
IV 100	19.4	71.4	78.9	83.1	88.0	88.5	91.2	92.5	93.1	94.7	95.6	95.7	97.1	97.5	98.3	99.4
IV 0	19.4	71.4	78.9	83.1	88.0	88.5	91.2	92.5	93.1	94.7	95.6	95.7	97.1	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2438

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS(EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.4	46.1	48.0	48.8	49.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5
≥ 20000	24.2	53.0	55.3	56.2	56.7	56.8	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4
18000	24.2	53.4	55.7	56.7	57.2	57.3	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.9	57.9
16000	24.2	54.0	56.3	57.3	57.8	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.5
14000	24.7	55.3	57.6	58.7	59.2	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9
12000	25.6	57.8	60.2	61.4	62.0	62.1	62.3	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.7	62.7
10000	26.6	60.6	63.1	64.4	65.0	65.1	65.3	65.4	65.5	65.5	65.6	65.6	65.7	65.7	65.8	65.8
9000	26.9	61.3	63.9	65.1	65.8	65.9	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.6	66.6
8000	27.6	63.3	66.0	67.3	68.0	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8
7000	28.0	64.1	66.9	68.2	68.9	69.1	69.2	69.4	69.5	69.6	69.7	69.7	69.8	69.8	69.9	69.9
6000	28.3	65.6	68.7	70.1	70.9	71.1	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	72.0	72.0
5000	28.8	67.1	70.4	71.8	72.7	72.9	73.2	73.3	73.5	73.6	73.7	73.7	73.7	73.8	73.9	73.9
4500	29.0	67.6	71.0	72.5	73.4	73.6	73.8	74.0	74.2	74.3	74.4	74.4	74.4	74.5	74.6	74.6
4000	29.3	69.2	72.7	74.3	75.3	75.6	75.9	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.7	76.7
3500	29.6	69.9	73.6	75.1	76.3	76.6	77.0	77.3	77.4	77.6	77.6	77.6	77.7	77.7	77.9	77.9
3000	29.8	71.3	75.3	76.9	78.1	78.4	79.0	79.2	79.4	79.6	79.7	79.7	79.7	79.8	79.9	79.9
2500	30.0	72.1	76.3	78.1	79.3	79.7	80.4	80.6	80.8	81.0	81.0	81.0	81.1	81.1	81.3	81.3
2000	30.4	73.4	77.9	79.7	81.2	81.5	82.3	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.4	83.4
1800	30.6	73.8	78.3	80.2	81.7	82.0	82.8	83.2	83.3	83.6	83.6	83.6	83.7	83.7	83.9	83.9
1500	30.9	75.3	80.1	82.2	83.8	84.1	84.9	85.3	85.4	85.6	85.7	85.7	85.8	85.8	86.0	86.0
1200	31.0	76.2	81.2	83.3	85.1	85.5	86.3	86.7	86.9	87.1	87.2	87.2	87.2	87.3	87.4	87.4
1000	31.3	77.6	82.8	85.1	86.9	87.3	88.3	88.7	88.9	89.1	89.2	89.2	89.2	89.3	89.5	89.5
900	31.3	77.9	83.1	85.6	87.4	87.9	88.8	89.3	89.4	89.6	89.7	89.7	89.8	89.8	90.0	90.0
800	31.3	78.4	83.7	86.3	88.2	88.7	89.8	90.2	90.4	90.6	90.7	90.7	90.8	90.8	91.0	91.0
700	31.3	78.9	84.5	87.2	89.2	89.7	90.9	91.4	91.6	91.8	91.9	91.9	92.0	92.0	92.2	92.2
600	31.3	79.4	85.1	88.1	90.3	90.9	92.4	92.9	93.1	93.4	93.5	93.5	93.6	93.6	93.8	93.8
500	31.3	79.7	85.6	88.7	91.2	91.8	93.4	93.9	94.2	94.6	94.7	94.7	94.9	95.0	95.1	95.1
400	31.4	80.0	86.1	89.3	91.8	92.5	94.4	95.2	95.5	96.1	96.3	96.3	96.6	96.6	96.8	96.8
300	31.4	80.3	86.4	89.5	92.3	93.2	95.2	96.2	96.5	97.4	97.7	97.7	98.0	98.0	98.4	98.4
200	31.4	80.3	86.4	89.5	92.3	93.2	95.3	96.3	96.7	97.7	98.1	98.1	98.6	98.6	99.2	99.2
100	31.4	80.3	86.4	89.5	92.3	93.2	95.3	96.3	96.7	97.7	98.2	98.3	98.9	99.0	99.7	99.9
0	31.4	80.3	86.4	89.5	92.3	93.2	95.3	96.3	96.7	97.7	98.2	98.3	98.9	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2438

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 0	≥ 0
NO CEILING	24.0	48.0	49.7	50.3	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	28.0	56.4	58.4	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
IV 18000	28.3	57.1	59.2	60.0	60.3	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 16000	28.4	57.7	59.7	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
IV 14000	28.6	58.3	60.5	61.3	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 12000	29.4	61.2	63.4	64.3	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 10000	30.2	63.2	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
IV 9000	30.4	63.6	65.8	66.8	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
IV 8000	31.0	65.8	68.3	69.3	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
IV 7000	31.3	66.7	69.2	70.4	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
IV 6000	31.5	67.6	70.2	71.5	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 5000	32.1	69.5	72.2	73.6	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
IV 4500	32.3	70.1	72.7	74.3	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
IV 4000	32.9	71.5	74.2	75.8	76.6	76.7	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3500	33.9	73.2	75.9	77.6	78.4	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 3000	34.6	75.0	78.0	79.9	80.9	81.0	81.1	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5
IV 2500	35.1	76.5	79.6	81.5	82.7	82.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2000	35.5	78.2	81.7	83.8	85.2	85.3	85.6	85.6	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
IV 1800	35.8	78.6	82.2	84.2	85.6	85.8	86.1	86.1	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
IV 1500	36.1	79.9	83.7	86.0	87.4	87.6	87.9	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1200	36.3	80.9	84.8	87.1	88.5	88.8	89.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1000	36.5	82.4	86.5	88.8	90.4	90.8	91.2	91.3	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 900	36.5	82.7	86.9	89.4	90.9	91.3	91.8	92.0	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7
IV 800	36.5	82.9	87.3	90.0	91.8	92.2	92.7	93.0	93.2	93.6	93.6	93.6	93.7	93.7	93.7	93.7
IV 700	36.5	83.5	88.1	90.8	92.6	92.9	93.6	93.9	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7
IV 600	36.5	84.0	88.8	91.6	93.6	94.0	94.7	95.0	95.2	95.7	95.8	95.9	96.0	96.0	96.0	96.0
IV 500	36.5	84.3	89.3	92.3	94.3	94.7	95.5	95.9	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1
IV 400	36.5	84.4	89.3	92.3	94.4	94.9	95.9	96.4	96.8	97.4	97.6	97.7	97.8	97.8	97.8	97.8
IV 300	36.5	84.4	89.4	92.5	94.8	95.4	96.7	97.3	97.7	98.5	98.7	98.8	99.0	99.0	99.1	99.1
IV 200	36.5	84.4	89.4	92.5	94.8	95.4	96.8	97.5	97.8	98.9	99.3	99.4	99.6	99.7	99.7	99.8
IV 100	36.5	84.4	89.4	92.5	94.8	95.4	96.8	97.5	97.9	98.9	99.5	99.5	99.9	99.9	100.0	100.0
IV 0	36.5	84.4	89.4	92.5	94.8	95.4	96.8	97.5	97.9	98.9	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2439

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION #

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (ZT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING 20000	25.1	48.3	49.7	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
18000	28.7	56.8	58.7	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5
16000	28.9	57.5	59.5	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
14000	28.9	58.3	60.2	61.5	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1
12000	29.2	59.2	61.2	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
10000	29.8	60.9	63.0	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
8000	30.6	63.7	66.0	67.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
6000	30.9	64.3	66.6	68.0	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
4000	31.4	66.1	68.5	69.9	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
2000	31.8	67.3	69.8	71.2	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
1000	32.5	68.9	71.5	73.0	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
500	32.9	70.5	73.1	75.0	75.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
400	33.3	71.0	73.8	75.6	76.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
300	33.9	72.9	75.7	77.6	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3
200	34.7	74.4	77.3	79.2	80.5	80.5	80.7	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0
100	35.2	76.1	79.3	81.3	82.7	82.8	83.0	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
50	35.7	77.8	81.2	83.3	84.8	84.9	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
40	36.0	79.1	82.7	84.8	86.6	86.7	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2
30	36.0	79.7	83.3	85.4	87.2	87.3	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
20	36.2	80.9	84.8	87.0	88.9	89.0	89.2	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
10	36.3	81.5	85.6	87.9	90.0	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
5	36.4	82.4	86.5	88.9	91.2	91.3	91.6	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2
4	36.4	82.6	86.7	89.1	91.4	91.5	91.9	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4
3	36.4	82.7	87.0	89.5	92.0	92.1	92.6	92.9	92.9	93.2	93.4	93.5	93.5	93.5	93.5	93.5
2	36.4	82.9	87.4	90.1	92.6	92.8	93.3	93.8	93.8	94.1	94.4	94.4	94.5	94.5	94.5	94.5
1	36.4	83.1	87.8	90.8	93.3	93.6	94.2	94.8	94.8	95.1	95.4	95.4	95.5	95.5	95.5	95.5
0.5	36.4	83.5	88.4	91.8	94.7	95.1	95.7	96.4	96.6	97.1	97.3	97.4	97.4	97.4	97.5	97.5
0.2	36.4	83.6	88.7	92.1	95.1	95.5	96.2	96.9	97.2	97.7	98.0	98.1	98.1	98.1	98.2	98.2
0.1	36.4	83.6	88.7	92.2	95.2	95.6	96.7	97.4	97.7	98.3	98.6	98.6	98.7	98.7	98.8	98.8
0.05	36.4	83.7	88.9	92.3	95.3	95.8	97.0	97.9	98.1	98.9	99.2	99.3	99.4	99.4	99.6	99.7
0.02	36.4	83.8	88.9	92.3	95.4	95.8	97.0	97.9	98.2	99.1	99.4	99.4	99.5	99.6	99.8	99.9
0.01	36.4	83.8	88.9	92.3	95.4	95.8	97.0	97.9	98.2	99.1	99.4	99.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2431

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	20.7	49.8	53.0	54.2	54.9	55.2	55.5	55.6	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.0
≥ 20000	22.8	54.9	58.6	59.9	60.7	61.0	61.4	61.5	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.0
IV 18000	22.9	55.6	59.4	60.6	61.5	61.7	62.2	62.3	62.3	62.4	62.6	62.6	62.7	62.7	62.8	62.8
IV 16000	23.0	56.1	60.0	61.3	62.1	62.4	62.8	62.9	62.9	63.1	63.2	63.2	63.4	63.4	63.4	63.4
IV 14000	23.4	57.7	61.7	63.0	63.9	64.1	64.6	64.7	64.7	64.8	65.0	65.0	65.1	65.1	65.2	65.2
IV 12000	23.6	59.5	63.5	64.8	65.7	66.0	66.4	66.5	66.5	66.7	66.8	66.9	67.0	67.0	67.0	67.0
IV 10000	24.2	61.5	65.7	67.1	68.1	68.4	68.9	69.1	69.1	69.2	69.4	69.4	69.5	69.5	69.6	69.6
IV 9000	24.3	62.1	66.3	67.9	68.8	69.1	69.7	69.8	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3
IV 8000	24.5	63.6	67.9	69.6	70.6	70.9	71.5	71.6	71.6	71.8	72.0	72.0	72.2	72.2	72.2	72.2
IV 7000	24.7	64.6	69.2	70.9	72.0	72.3	72.9	73.1	73.1	73.3	73.5	73.5	73.7	73.7	73.7	73.7
IV 6000	25.4	66.1	70.9	72.6	73.8	74.2	74.7	74.9	74.9	75.1	75.3	75.3	75.5	75.5	75.5	75.5
IV 5000	25.7	67.8	72.6	74.4	75.8	76.1	76.7	77.0	77.0	77.2	77.3	77.4	77.5	77.5	77.6	77.6
IV 4500	26.1	68.8	73.7	75.6	77.0	77.3	77.9	78.2	78.2	78.4	78.6	78.6	78.8	78.8	78.9	78.9
IV 4000	26.3	70.7	75.9	77.9	79.2	79.6	80.2	80.5	80.5	80.7	80.9	81.0	81.1	81.1	81.2	81.2
IV 3500	26.5	71.6	77.0	79.0	80.4	80.7	81.4	81.8	81.8	82.0	82.2	82.2	82.4	82.4	82.4	82.5
IV 3000	26.8	72.8	78.4	80.3	81.8	82.2	82.9	83.2	83.2	83.4	83.6	83.7	83.8	83.8	83.9	83.9
IV 2500	26.8	73.3	79.1	81.4	82.9	83.2	84.0	84.3	84.3	84.6	84.8	84.8	85.0	85.0	85.0	85.1
IV 2000	26.9	74.4	80.4	82.7	84.4	84.8	85.6	85.9	85.9	86.2	86.4	86.4	86.6	86.6	86.6	86.7
IV 1800	27.0	74.7	80.8	83.2	84.8	85.2	86.0	86.4	86.4	86.6	86.9	86.9	87.1	87.1	87.1	87.1
IV 1500	27.0	75.7	82.1	84.8	86.6	87.1	87.9	88.3	88.3	88.6	88.8	88.8	89.0	89.0	89.0	89.1
IV 1200	27.0	76.3	82.9	85.6	87.6	88.1	89.0	89.4	89.4	89.7	89.9	89.9	90.1	90.1	90.1	90.1
IV 1000	27.0	76.8	83.4	86.4	88.5	89.1	90.1	90.6	90.6	90.9	91.1	91.1	91.3	91.3	91.3	91.4
IV 900	27.0	77.1	83.8	86.9	89.0	89.7	90.7	91.1	91.1	91.5	91.7	91.7	91.9	91.9	91.9	92.0
IV 800	27.0	77.2	83.9	87.0	89.2	89.9	91.1	91.5	91.5	91.9	92.2	92.2	92.5	92.5	92.5	92.5
IV 700	27.0	77.3	84.2	87.3	89.7	90.3	91.7	92.2	92.2	92.5	92.8	92.9	93.2	93.2	93.2	93.2
IV 600	27.0	77.5	84.6	87.9	90.4	91.2	92.8	93.4	93.4	93.7	94.1	94.1	94.4	94.4	94.4	94.5
IV 500	27.0	77.6	84.8	88.3	90.9	91.7	93.5	94.5	94.5	95.0	95.3	95.3	95.6	95.6	95.7	95.8
IV 400	27.0	77.7	85.1	88.6	91.4	92.3	94.1	95.1	95.1	95.6	96.0	96.0	96.3	96.3	96.4	96.5
IV 300	27.0	77.7	85.2	88.8	91.6	92.5	94.8	95.8	96.0	96.8	97.2	97.2	97.5	97.5	97.6	97.7
IV 200	27.0	77.8	85.2	88.8	91.8	92.7	94.9	96.1	96.3	97.4	97.9	97.9	98.4	98.4	98.6	98.7
IV 100	27.0	77.8	85.2	88.8	91.8	92.7	94.9	96.1	96.3	97.4	97.9	97.9	98.4	98.4	98.8	99.3
IV 0	27.0	77.8	85.2	88.8	91.8	92.7	94.9	96.1	96.3	97.4	97.9	97.9	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2426

USAF ETAC FORM 0-14.5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.2	49.1	52.7	54.6	55.7	55.9	56.3	56.4	56.4	56.8	56.9	57.0	57.3	57.5	57.6	57.8
IV 20000	17.6	53.3	57.1	59.3	60.4	60.6	61.0	61.3	61.3	61.7	61.9	61.9	62.4	62.5	62.6	62.8
IV 18000	17.6	53.9	57.7	59.9	61.0	61.2	61.6	61.9	61.9	62.3	62.5	62.5	63.0	63.1	63.2	63.4
IV 16000	17.7	54.5	58.4	60.6	61.7	61.8	62.2	62.5	62.5	62.9	63.1	63.1	63.6	63.7	63.8	64.1
IV 14000	17.9	55.5	59.6	61.7	62.9	63.1	63.5	63.8	63.8	64.2	64.3	64.4	64.8	65.0	65.1	65.3
IV 12000	18.3	56.9	61.0	63.3	64.5	64.7	65.1	65.4	65.4	65.8	66.0	66.0	66.4	66.6	66.7	66.9
IV 10000	18.9	59.2	63.6	66.0	67.2	67.4	67.9	68.2	68.2	68.6	68.8	68.8	69.2	69.4	69.5	69.7
IV 9000	19.0	59.9	64.5	67.0	68.3	68.4	69.0	69.3	69.3	69.7	69.9	69.9	70.4	70.5	70.6	70.8
IV 8000	19.6	61.6	66.4	69.0	70.5	70.7	71.3	71.6	71.6	72.0	72.1	72.2	72.6	72.9	72.9	73.1
IV 7000	19.7	62.9	68.0	70.7	72.2	72.3	73.0	73.2	73.2	73.7	73.9	73.9	74.4	74.5	74.6	74.8
IV 6000	19.8	63.6	69.0	71.6	73.2	73.4	74.0	74.3	74.3	74.8	74.9	75.0	75.5	75.6	75.7	75.9
IV 5000	20.2	65.9	71.3	74.0	75.7	75.8	76.5	76.9	76.9	77.4	77.5	77.6	78.1	78.2	78.3	78.5
IV 4500	20.2	66.5	72.1	74.9	76.7	76.8	77.5	77.9	77.9	78.4	78.5	78.6	79.1	79.2	79.3	79.5
IV 4000	20.4	67.8	73.7	76.7	78.4	78.6	79.3	79.7	79.7	80.2	80.3	80.4	80.9	81.0	81.1	81.3
IV 3500	20.6	68.5	74.5	77.5	79.4	79.6	80.2	80.6	80.6	81.1	81.3	81.3	81.8	81.9	82.1	82.3
IV 3000	20.8	69.5	75.7	78.7	80.6	80.8	81.5	81.9	81.9	82.4	82.5	82.6	83.1	83.2	83.3	83.6
IV 2500	20.8	70.2	76.4	79.5	81.5	81.7	82.4	82.8	82.8	83.3	83.5	83.5	84.0	84.2	84.3	84.5
IV 2000	20.8	71.3	77.6	80.8	83.0	83.2	84.0	84.5	84.5	85.0	85.2	85.2	85.7	85.9	86.0	86.2
IV 1800	20.8	71.4	77.7	81.0	83.2	83.4	84.3	84.7	84.7	85.2	85.4	85.4	86.0	86.1	86.2	86.4
IV 1500	20.9	71.9	78.4	81.8	84.3	84.5	85.4	85.9	85.9	86.4	86.6	86.6	87.1	87.3	87.4	87.6
IV 1200	20.9	72.9	79.6	83.2	85.7	86.0	87.0	87.5	87.5	88.0	88.2	88.2	88.7	88.9	89.0	89.2
IV 1000	21.0	73.5	80.3	84.1	86.7	87.0	88.0	88.5	88.5	89.0	89.2	89.2	89.8	89.9	90.0	90.2
IV 900	21.0	73.8	80.6	84.6	87.2	87.5	88.5	89.0	89.0	89.5	89.7	89.7	90.3	90.4	90.5	90.7
IV 800	21.0	74.1	81.0	85.4	88.0	88.3	89.4	89.9	89.9	90.4	90.7	90.8	91.3	91.5	91.6	91.8
IV 700	21.0	74.2	81.1	85.7	88.5	88.8	90.0	90.5	90.5	91.0	91.3	91.3	91.9	92.0	92.2	92.4
IV 600	21.0	74.6	81.6	86.3	89.3	89.6	91.0	91.5	91.5	92.1	92.4	92.4	93.0	93.1	93.2	93.4
IV 500	21.0	74.7	82.1	87.0	90.1	90.4	92.1	92.7	92.9	93.5	93.8	93.8	94.4	94.5	94.6	94.8
IV 400	21.0	74.9	82.4	87.4	90.7	91.1	93.0	93.7	93.9	94.6	95.0	95.0	95.6	95.7	95.9	96.2
IV 300	21.0	74.9	82.5	87.5	90.9	91.3	93.7	94.5	94.8	95.6	96.0	96.0	96.6	96.7	96.9	97.2
IV 200	21.0	74.9	82.5	87.5	91.1	91.7	94.2	95.2	95.5	96.4	96.9	97.0	97.6	97.7	97.9	98.2
IV 100	21.0	74.9	82.5	87.5	91.1	91.7	94.3	95.3	95.5	96.5	97.2	97.2	97.9	98.1	98.6	99.0
IV 0	21.0	74.9	82.5	87.5	91.1	91.7	94.3	95.3	95.5	96.5	97.2	97.3	98.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.3	51.2	54.1	56.1	57.7	57.9	58.6	58.9	59.1	59.4	59.5	59.5	59.7	59.8	60.1	60.3
IV 20000	16.2	54.9	58.1	60.3	61.9	62.1	62.8	63.1	63.3	63.6	63.7	63.7	64.1	64.1	64.4	64.7
IV 18000	16.2	55.0	58.3	60.4	62.1	62.3	63.0	63.3	63.5	63.8	64.0	64.0	64.3	64.4	64.7	64.9
IV 16000	16.2	55.2	58.5	60.6	62.3	62.5	63.2	63.5	63.7	64.0	64.2	64.2	64.5	64.6	64.9	65.1
IV 14000	16.6	56.6	60.1	62.3	63.9	64.1	64.8	65.1	65.3	65.7	65.8	65.8	66.2	66.2	66.5	66.8
IV 12000	16.9	58.0	61.6	63.8	65.5	65.7	66.5	66.8	66.9	67.4	67.5	67.5	67.8	67.9	68.2	68.4
IV 10000	17.5	59.8	63.5	65.7	67.5	67.7	68.5	68.8	69.0	69.4	69.5	69.5	69.9	69.9	70.2	70.5
IV 9000	17.7	60.7	64.5	66.8	68.6	68.8	69.6	69.9	70.0	70.5	70.6	70.6	70.9	71.0	71.3	71.6
IV 8000	17.9	62.2	66.0	68.4	70.2	70.5	71.2	71.6	71.7	72.1	72.3	72.3	72.6	72.7	73.0	73.3
IV 7000	18.0	63.7	67.7	70.1	72.1	72.3	73.1	73.4	73.6	74.0	74.2	74.2	74.5	74.6	74.9	75.1
IV 6000	18.0	64.7	68.7	71.2	73.2	73.4	74.2	74.6	74.7	75.2	75.3	75.3	75.6	75.7	76.0	76.3
IV 5000	18.2	66.3	70.6	73.2	75.4	75.6	76.5	76.8	77.0	77.5	77.7	77.7	78.0	78.1	78.4	78.6
IV 4500	18.2	66.6	70.9	73.6	75.8	76.0	76.8	77.2	77.4	77.9	78.0	78.0	78.4	78.4	78.7	79.0
IV 4000	18.5	68.4	72.9	75.6	77.9	78.1	79.0	79.4	79.6	80.1	80.2	80.2	80.6	80.6	80.9	81.2
IV 3500	18.5	69.0	73.6	76.4	78.8	79.0	80.0	80.4	80.5	81.1	81.2	81.2	81.5	81.6	81.9	82.2
IV 3000	18.5	69.7	74.4	77.3	79.8	80.0	81.0	81.4	81.6	82.1	82.3	82.3	82.6	82.7	83.0	83.3
IV 2500	18.6	70.5	75.3	78.3	80.8	81.0	82.1	82.6	82.7	83.3	83.5	83.5	83.8	83.9	84.2	84.4
IV 2000	18.6	71.5	76.4	79.6	82.2	82.4	83.6	84.1	84.2	85.0	85.2	85.2	85.5	85.6	85.9	86.1
IV 1800	18.7	71.8	76.8	80.0	82.7	82.9	84.2	84.6	84.8	85.5	85.7	85.7	86.0	86.1	86.4	86.7
IV 1500	18.8	72.5	77.5	80.9	83.9	84.1	85.4	85.8	86.0	86.8	86.9	86.9	87.3	87.3	87.6	87.9
IV 1200	18.8	73.1	78.3	81.8	84.9	85.1	86.4	86.9	87.0	87.8	88.0	88.0	88.3	88.4	88.7	88.9
IV 1000	18.9	73.7	79.3	83.0	86.3	86.5	87.9	88.3	88.5	89.4	89.5	89.5	89.8	89.9	90.2	90.5
IV 900	18.9	73.9	79.5	83.2	86.4	86.7	88.2	88.6	88.8	89.6	89.8	89.8	90.1	90.2	90.5	90.7
IV 800	18.9	74.2	79.8	83.7	87.2	87.4	89.0	89.4	89.6	90.4	90.6	90.6	90.9	91.0	91.3	91.6
IV 700	19.0	74.4	80.2	84.2	87.8	88.1	89.7	90.1	90.3	91.1	91.3	91.3	91.7	91.8	92.1	92.3
IV 600	19.0	74.6	80.6	84.6	88.5	88.7	90.5	91.0	91.1	92.0	92.1	92.2	92.5	92.6	92.9	93.2
IV 500	19.0	74.9	80.9	85.1	89.2	89.5	91.4	92.1	92.3	93.2	93.3	93.4	93.8	93.9	94.2	94.4
IV 400	19.0	75.0	81.4	85.7	90.3	90.6	93.0	93.8	94.0	94.9	95.1	95.1	95.6	95.7	96.0	96.3
IV 300	19.0	75.0	81.5	85.9	90.7	91.1	93.6	94.5	94.7	95.7	95.9	95.9	96.5	96.8	97.1	97.4
IV 200	19.0	75.0	81.5	85.9	90.7	91.1	93.8	95.0	95.2	96.3	96.6	96.7	97.2	97.6	98.1	98.3
IV 100	19.0	75.0	81.5	85.9	90.7	91.1	93.8	95.0	95.2	96.4	96.8	96.8	97.6	98.0	98.6	99.0
IV 0	19.0	75.0	81.5	85.9	90.7	91.1	93.8	95.0	95.2	96.4	96.8	96.8	97.6	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2677

USAF ETAC FORM 0-14-5(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1'	≥ 0
NO CEILING	14.5	48.1	51.1	53.2	54.6	54.8	55.5	56.0	56.0	56.6	57.0	57.0	57.3	57.5	58.1	58.8
≥ 20000	15.3	51.5	54.9	57.0	58.4	58.6	59.4	59.9	59.9	60.5	60.9	60.9	61.2	61.3	62.0	62.7
≥ 18000	15.3	51.6	55.0	57.2	58.7	58.9	59.6	60.1	60.1	60.8	61.1	61.2	61.5	61.6	62.2	63.0
≥ 16000	15.3	52.0	55.3	57.5	59.0	59.2	60.0	60.4	60.4	61.1	61.5	61.5	61.8	61.9	62.6	63.3
≥ 14000	15.4	52.9	56.4	58.5	60.0	60.2	61.0	61.4	61.4	62.1	62.5	62.5	62.8	63.0	63.6	64.3
≥ 12000	16.0	54.8	58.5	60.8	62.3	62.5	63.3	63.8	63.8	64.5	64.9	64.9	65.2	65.4	66.0	66.7
≥ 10000	16.4	56.8	60.6	63.0	64.6	64.7	65.6	66.0	66.0	66.7	67.1	67.2	67.5	67.6	68.2	69.0
≥ 9000	16.5	57.5	61.4	63.8	65.5	65.7	66.5	67.0	67.0	67.6	68.1	68.1	68.4	68.5	69.2	69.9
≥ 8000	16.7	59.3	63.5	66.0	67.7	67.9	68.7	69.2	69.2	69.9	70.3	70.3	70.6	70.8	71.4	72.1
≥ 7000	16.7	60.5	64.7	67.3	69.0	69.2	70.0	70.5	70.5	71.2	71.6	71.6	71.9	72.1	72.7	73.4
≥ 6000	16.8	61.5	65.8	68.4	70.2	70.4	71.3	71.8	71.8	72.5	72.9	72.9	73.3	73.4	74.1	74.8
≥ 5000	16.8	63.2	67.8	70.4	72.4	72.6	73.7	74.2	74.2	74.9	75.3	75.4	75.7	75.8	76.5	77.2
≥ 4500	16.9	63.7	68.4	71.0	73.1	73.3	74.4	74.9	74.9	75.6	76.0	76.1	76.4	76.6	77.2	77.9
≥ 4000	16.9	64.9	69.8	72.7	74.8	75.0	76.1	76.7	76.7	77.5	77.9	77.9	78.3	78.4	79.1	79.8
≥ 3500	17.0	65.3	70.3	73.2	75.4	75.6	76.8	77.3	77.3	78.2	78.6	78.6	78.9	79.1	79.7	80.4
≥ 3000	17.0	66.1	71.2	74.1	76.3	76.6	77.7	78.3	78.3	79.2	79.6	79.6	79.9	80.1	80.7	81.4
≥ 2500	17.0	66.6	71.9	74.9	77.2	77.4	78.7	79.3	79.3	80.2	80.6	80.6	81.0	81.1	81.7	82.4
≥ 2000	17.0	67.3	72.6	75.8	78.3	78.6	79.9	80.5	80.5	81.4	81.8	81.9	82.2	82.4	83.0	83.7
≥ 1800	17.1	67.7	73.1	76.3	78.7	79.0	80.4	81.0	81.0	81.8	82.3	82.3	82.6	82.8	83.4	84.1
≥ 1500	17.1	68.3	73.8	77.3	79.8	80.1	81.5	82.1	82.1	83.1	83.5	83.5	83.9	84.0	84.6	85.4
≥ 1200	17.1	69.0	74.7	78.2	80.8	81.1	82.6	83.2	83.2	84.1	84.5	84.6	84.9	85.1	85.7	86.4
≥ 1000	17.2	69.7	75.5	79.3	82.1	82.4	84.0	84.7	84.7	85.7	86.1	86.1	86.5	86.6	87.3	88.0
≥ 900	17.2	69.8	75.8	79.6	82.4	82.8	84.5	85.1	85.1	86.1	86.5	86.6	86.9	87.1	87.7	88.4
≥ 800	17.2	70.0	76.1	80.2	83.3	83.7	85.4	86.1	86.1	87.1	87.5	87.5	87.8	88.0	88.6	89.3
≥ 700	17.2	70.3	76.5	80.6	84.0	84.3	86.2	86.9	86.9	87.9	88.3	88.3	88.7	88.8	89.5	90.2
≥ 600	17.2	70.6	77.0	81.3	84.9	85.4	87.3	88.0	88.0	89.0	89.4	89.5	89.8	89.9	90.6	91.3
≥ 500	17.2	71.0	77.4	81.9	85.9	86.4	88.4	89.2	89.2	90.3	90.7	90.7	91.1	91.2	91.8	92.5
≥ 400	17.2	71.4	78.0	82.7	87.3	87.8	90.2	91.1	91.1	92.4	92.9	92.9	93.3	93.4	94.1	94.8
≥ 300	17.2	71.6	78.3	83.1	87.8	88.4	91.3	92.3	92.3	93.7	94.3	94.4	94.8	95.0	95.6	96.3
≥ 200	17.2	71.6	78.3	83.1	88.0	88.6	91.5	92.8	92.9	94.6	95.4	95.6	96.0	96.3	97.1	97.8
≥ 100	17.2	71.6	78.3	83.1	88.0	88.6	91.5	92.8	92.9	94.9	95.7	95.9	96.5	96.8	98.0	99.0
≥ 0	17.2	71.6	78.3	83.1	88.0	88.6	91.5	92.8	92.9	94.9	95.7	95.9	96.5	96.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2683

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.7	43.3	45.6	47.4	48.6	48.9	49.8	50.1	50.2	50.7	51.0	51.0	51.3	51.5	51.9	52.4
≥ 20000	19.4	48.6	51.1	53.1	54.5	54.8	55.6	56.2	56.7	57.0	57.1	57.5	57.6	58.1	58.6	59.2
IV 18000	19.5	49.0	51.7	53.7	55.1	55.4	56.2	56.8	57.3	57.6	57.7	58.1	58.2	58.6	59.2	59.5
IV 16000	19.5	49.2	51.9	53.9	55.3	55.7	56.5	57.0	57.1	57.6	57.9	58.0	58.3	58.5	58.9	59.5
IV 14000	20.0	50.5	53.3	55.4	56.9	57.2	58.1	58.5	58.6	59.2	59.5	59.6	59.9	60.1	60.5	61.1
IV 12000	20.2	52.2	55.4	57.6	59.1	59.5	60.3	60.8	60.9	61.4	61.7	61.9	62.2	62.4	62.8	63.4
IV 10000	20.8	54.3	57.7	59.9	61.4	61.8	62.6	63.1	63.2	63.8	64.1	64.2	64.5	64.7	65.1	65.7
IV 9000	21.0	54.9	58.2	60.5	62.0	62.4	63.2	63.7	63.8	64.4	64.7	64.8	65.1	65.3	65.7	66.3
IV 8000	21.5	57.1	60.7	63.0	64.5	64.9	65.8	66.3	66.5	67.0	67.2	67.4	67.8	67.9	68.4	68.9
IV 7000	21.7	58.2	61.9	64.3	65.9	66.3	67.2	67.8	67.9	68.4	68.7	68.8	69.2	69.4	69.8	70.3
IV 6000	22.0	59.7	63.7	66.2	67.9	68.4	69.3	69.8	70.0	70.5	70.9	71.0	71.4	71.6	72.1	72.7
IV 5000	22.3	61.6	65.6	68.2	70.1	70.6	71.5	72.1	72.3	72.9	73.3	73.4	73.8	74.0	74.4	75.1
IV 4500	22.3	62.0	66.0	68.7	70.6	71.0	71.9	72.6	72.8	73.4	73.8	73.9	74.3	74.5	74.9	75.6
IV 4000	22.3	62.9	67.1	69.8	71.7	72.2	73.2	73.9	74.1	74.8	75.2	75.4	75.8	76.1	76.5	77.1
IV 3500	22.3	63.6	67.9	70.8	72.7	73.2	74.3	75.0	75.2	75.8	76.2	76.4	76.9	77.1	77.5	78.1
IV 3000	22.4	64.4	68.9	71.8	73.8	74.3	75.4	76.1	76.3	77.0	77.4	77.6	78.1	78.3	78.7	79.3
IV 2500	22.6	65.0	69.7	72.7	74.7	75.2	76.4	77.1	77.3	78.0	78.4	78.6	79.1	79.3	79.7	80.4
IV 2000	22.8	65.8	70.5	73.6	75.7	76.3	77.4	78.1	78.4	79.2	79.6	79.8	80.3	80.5	81.0	81.6
IV 1800	22.9	66.1	70.9	74.0	76.1	76.7	77.8	78.6	78.8	79.6	80.1	80.3	80.8	81.0	81.4	82.1
IV 1500	22.9	66.6	71.5	74.7	77.2	77.8	79.0	79.8	80.0	80.8	81.3	81.5	82.0	82.2	82.7	83.3
IV 1200	22.9	67.6	72.5	75.9	78.5	79.2	80.5	81.3	81.6	82.4	82.9	83.1	83.6	83.8	84.2	84.9
IV 1000	23.0	68.3	73.4	76.8	79.9	80.6	81.9	82.8	83.1	84.0	84.5	84.7	85.2	85.4	85.8	86.5
IV 900	23.0	68.5	73.7	77.2	80.4	81.1	82.4	83.3	83.6	84.5	85.0	85.2	85.7	86.0	86.4	87.0
IV 800	23.0	68.8	74.2	77.7	81.2	82.0	83.5	84.4	84.8	85.7	86.3	86.5	87.0	87.3	87.7	88.3
IV 700	23.0	69.3	74.7	78.4	82.2	83.0	84.8	85.7	86.1	87.0	87.6	87.8	88.4	88.6	89.1	89.7
IV 600	23.1	69.7	75.2	79.0	83.0	83.8	86.0	87.0	87.4	88.5	89.0	89.2	89.8	90.0	90.5	91.1
IV 500	23.1	69.9	75.8	79.7	84.2	85.1	87.4	88.5	89.0	90.2	90.8	91.0	91.6	91.8	92.3	92.9
IV 400	23.2	70.2	76.3	80.5	85.2	86.1	88.7	90.0	90.5	91.8	92.5	92.7	93.4	93.6	94.1	94.8
IV 300	23.2	70.2	76.5	80.8	85.7	86.7	89.7	91.1	91.7	93.2	94.1	94.4	95.2	95.4	95.9	96.6
IV 200	23.2	70.2	76.5	80.8	85.8	86.8	89.9	91.5	92.2	93.9	95.1	95.4	96.5	96.9	97.5	98.3
IV 100	23.2	70.2	76.5	80.8	85.6	86.8	90.0	91.6	92.2	93.9	95.3	95.6	96.8	97.2	98.0	99.3
IV 0	23.2	70.2	76.5	80.8	85.8	86.8	90.0	91.6	92.2	93.9	95.3	95.6	96.8	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2677

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	> ¼	≥ 0
NO CEILING	25.7	50.1	51.6	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 20000	29.3	57.5	59.2	59.7	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
IV 18000	29.3	57.9	59.6	60.1	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
IV 16000	29.4	58.0	59.7	60.3	60.5	60.5	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
IV 14000	29.8	59.2	60.9	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1
IV 12000	30.5	61.1	63.0	63.6	63.9	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
IV 10000	31.4	63.2	65.3	66.0	66.3	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
IV 9000	31.7	64.4	66.6	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8
IV 8000	32.5	66.5	68.8	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
IV 7000	32.8	67.9	70.4	71.5	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
IV 6000	33.1	69.2	71.8	73.0	73.3	73.3	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
IV 5000	33.8	71.2	74.0	75.2	75.5	75.5	75.6	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
IV 4500	33.8	71.6	74.4	75.6	75.9	75.9	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3
IV 4000	34.0	72.6	75.8	77.1	77.4	77.4	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9
IV 3500	34.1	73.4	76.7	78.1	78.5	78.5	78.6	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	34.6	74.6	78.2	79.6	80.1	80.1	80.4	80.4	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7
IV 2500	35.0	75.6	79.3	80.8	81.5	81.5	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
IV 2000	35.4	76.7	80.6	82.3	83.1	83.1	83.5	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0
IV 1800	35.5	77.1	81.1	82.7	83.5	83.6	84.0	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4
IV 1500	35.8	78.1	82.3	83.9	84.9	85.0	85.5	85.6	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0
IV 1200	36.0	79.1	83.6	85.4	86.5	86.7	87.2	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.9
IV 1000	36.2	80.0	84.7	86.6	87.8	88.0	88.6	88.7	88.9	89.0	89.1	89.2	89.3	89.3	89.3	89.3
IV 900	36.3	80.4	85.2	87.1	88.4	88.6	89.3	89.5	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.2
IV 800	36.5	80.8	85.7	87.8	89.4	89.5	90.4	90.7	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.5
IV 700	36.5	81.2	86.3	88.6	90.3	90.5	91.8	92.0	92.1	92.5	92.7	92.7	92.8	92.8	92.8	92.8
IV 600	36.5	81.6	86.8	89.2	91.0	91.3	92.7	93.1	93.2	93.6	93.8	93.9	93.9	94.0	94.0	94.0
IV 500	36.6	82.0	87.6	90.2	92.3	92.7	94.4	94.9	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.2
IV 400	36.6	82.3	87.9	90.6	92.8	93.2	95.2	96.0	96.3	97.0	97.3	97.4	97.4	97.4	97.4	97.5
IV 300	36.6	82.4	88.0	90.8	93.0	93.4	95.7	96.9	97.2	98.2	98.6	98.8	99.0	99.0	99.0	99.1
IV 200	36.6	82.4	88.0	90.8	93.0	93.4	95.7	96.9	97.2	98.4	98.8	99.1	99.3	99.3	99.3	99.6
IV 100	36.6	82.4	88.0	90.8	93.0	93.4	95.7	96.9	97.2	98.4	98.9	99.1	99.4	99.4	99.5	99.9
IV 0	36.6	82.4	88.0	90.8	93.0	93.4	95.7	96.9	97.2	98.4	98.9	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2682

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.0	51.3	52.1	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	32.9	59.9	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 18000	33.2	60.5	61.8	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000	33.2	60.7	62.1	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 14000	33.7	61.8	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000	34.2	63.3	64.9	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 10000	35.4	66.2	67.8	68.2	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 9000	35.6	67.1	68.8	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 8000	36.5	68.9	70.6	71.0	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000	36.7	70.0	72.0	72.5	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 6000	37.1	70.9	73.2	73.7	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 5000	37.4	72.5	74.8	75.4	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 4500	37.5	73.0	75.4	76.1	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 4000	38.3	74.9	77.6	78.2	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3500	38.9	76.5	79.3	79.9	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3000	39.7	78.3	81.3	82.2	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2500	40.4	80.1	83.2	84.2	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	41.1	81.7	84.9	86.1	87.1	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1800	41.2	82.0	85.2	86.5	87.4	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1600	41.5	83.0	86.4	87.8	88.8	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1400	41.7	84.2	87.8	89.4	90.5	90.7	91.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	41.9	85.1	88.9	90.6	91.9	92.1	92.6	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IV 1000	41.9	85.4	89.5	91.3	92.7	92.9	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900	41.9	85.8	89.9	91.9	93.3	93.5	94.1	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 800	41.9	86.1	90.3	92.3	93.7	94.0	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 700	41.9	86.4	90.7	92.9	94.5	94.8	95.9	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 600	41.9	86.6	91.1	93.5	95.3	95.7	96.1	97.5	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9
IV 500	41.9	86.9	91.5	94.1	96.0	96.4	97.9	98.8	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6
IV 400	41.9	86.9	91.5	94.2	96.1	96.5	98.1	99.0	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9
IV 300	41.9	86.9	91.5	94.2	96.1	96.5	98.1	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0
IV 200	41.9	86.9	91.5	94.2	96.1	96.5	98.1	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0
IV 100	41.9	86.9	91.5	94.2	96.1	96.5	98.1	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0
IV 0	41.9	86.9	91.5	94.2	96.1	96.5	98.1	99.0	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2678

USAF ETAC

FORM
FAL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1'	≥ 0
NO CEILING	28.0	51.3	52.2	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1
≥ 20000	33.5	61.2	62.4	63.1	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
IV 18000	33.8	61.6	62.8	63.5	64.0	64.0	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	33.9	61.8	63.0	63.7	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5
IV 14000	34.4	62.9	64.1	64.9	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7
IV 12000	35.3	64.8	66.1	66.8	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7
IV 10000	36.1	66.8	68.3	69.1	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1
IV 9000	36.5	67.9	69.3	70.2	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2
IV 8000	36.9	69.3	71.0	71.8	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9
IV 7000	37.4	70.5	72.3	73.1	73.8	73.8	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 6000	37.9	71.8	73.6	74.6	75.2	75.3	75.4	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7
IV 5000	38.6	73.7	75.7	76.8	77.6	77.6	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1
IV 4500	38.6	73.8	76.0	77.2	78.0	78.0	78.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5
IV 4000	39.9	76.1	78.5	79.8	80.7	80.7	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3
IV 3500	40.2	77.1	79.6	81.4	82.3	82.3	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000	40.7	78.4	81.4	83.1	84.2	84.2	84.7	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0
IV 2500	41.0	80.0	83.2	84.9	86.2	86.3	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1
IV 2000	41.4	81.1	84.5	86.3	87.9	88.0	88.5	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2
IV 1800	41.4	81.4	84.9	86.8	88.4	88.5	89.1	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
IV 1600	41.7	82.1	85.7	87.6	89.4	89.5	90.2	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 1200	41.8	83.0	86.9	89.0	90.8	90.9	91.8	92.1	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6
IV 1000	41.8	83.4	87.3	89.4	91.4	91.5	92.5	92.8	92.9	93.2	93.4	93.4	93.4	93.5	93.5	93.5
IV 900	41.8	83.6	87.5	89.8	91.8	92.0	93.0	93.3	93.4	93.8	93.9	93.9	93.9	94.0	94.0	94.0
IV 800	41.8	83.8	87.8	90.2	92.3	92.5	93.6	94.0	94.1	94.4	94.6	94.6	94.6	94.7	94.7	94.7
IV 700	41.9	84.1	88.1	90.6	92.9	93.1	94.2	94.8	94.9	95.3	95.5	95.5	95.5	95.6	95.6	95.6
IV 600	41.9	84.5	88.7	91.4	93.8	94.1	95.3	95.9	96.0	96.5	96.7	96.7	96.7	96.8	96.9	96.9
IV 500	41.9	84.6	89.0	91.8	94.5	94.9	96.2	96.9	97.0	97.6	97.8	97.9	97.9	98.0	98.0	98.0
IV 400	41.9	84.8	89.2	92.1	94.9	95.3	96.7	97.4	97.5	98.1	98.5	98.5	98.6	98.7	98.7	98.7
IV 300	41.9	84.8	89.3	92.3	95.2	95.7	97.1	97.9	98.0	98.8	99.3	99.3	99.4	99.5	99.6	99.6
IV 200	41.9	84.8	89.3	92.3	95.2	95.7	97.1	97.9	98.1	98.9	99.5	99.6	99.7	99.9	99.9	99.9
IV 100	41.9	84.8	89.3	92.3	95.2	95.7	97.1	97.9	98.1	98.9	99.5	99.6	99.7	99.9	99.9	100.0
IV 0	41.9	84.8	89.3	92.3	95.2	95.7	97.1	97.9	98.1	98.9	99.5	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2672

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	24.5	52.2	54.2	55.5	56.2	56.3	56.6	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
IV 20000	27.1	59.4	62.0	63.6	64.4	64.5	64.7	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.2
IV 18000	27.4	60.1	62.8	64.4	65.2	65.3	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	66.0	66.0
IV 16000	27.4	60.4	63.1	64.8	65.6	65.7	66.0	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4
IV 14000	27.9	61.9	64.6	66.3	67.1	67.2	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.9	67.9
IV 12000	28.6	63.6	66.5	68.3	69.2	69.3	69.6	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9
IV 10000	29.3	65.7	68.8	70.7	71.7	71.8	72.1	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4
IV 9000	29.6	67.0	70.2	72.1	73.2	73.3	73.6	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	30.2	68.6	71.9	73.8	75.0	75.0	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
IV 7000	30.5	69.5	72.8	74.8	76.0	76.1	76.5	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9
IV 6000	30.8	70.8	74.3	76.4	77.6	77.6	78.1	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5
IV 5000	31.4	73.0	76.6	78.7	79.9	80.0	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0
IV 4500	31.7	73.5	77.1	79.3	80.6	80.7	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.8	81.8
IV 4000	32.1	74.7	78.7	81.2	82.5	82.6	83.3	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7
IV 3500	32.1	75.1	79.1	81.8	83.1	83.2	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4
IV 3000	32.5	76.4	80.3	83.2	84.6	84.7	85.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.0	86.0
IV 2500	32.5	76.7	81.3	84.2	85.6	85.8	86.7	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3
IV 2000	32.6	77.7	82.4	85.8	87.4	87.7	88.7	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5
IV 1800	32.6	78.0	82.7	86.2	87.9	88.1	89.2	89.6	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0
IV 1500	32.7	78.5	83.5	87.0	88.8	89.1	90.2	90.7	90.7	90.9	91.1	91.1	91.2	91.2	91.3	91.3
IV 1200	32.7	78.9	84.0	87.5	89.5	89.8	91.1	91.6	91.6	91.8	92.1	92.1	92.1	92.1	92.2	92.2
IV 1000	32.8	79.3	84.5	88.1	90.2	90.5	91.9	92.3	92.3	92.7	93.0	93.0	93.1	93.1	93.2	93.2
IV 900	32.9	79.5	84.8	88.5	90.6	90.8	92.2	92.7	92.8	93.2	93.5	93.6	93.6	93.6	93.7	93.7
IV 800	32.9	79.8	85.3	89.2	91.4	91.7	93.2	93.8	93.8	94.2	94.6	94.6	94.7	94.7	94.8	94.8
IV 700	32.9	79.9	85.4	89.4	91.7	91.9	93.5	94.0	94.1	94.5	95.0	95.0	95.1	95.1	95.1	95.1
IV 600	32.9	80.1	85.7	89.8	92.3	92.7	94.4	94.9	95.0	95.4	95.9	95.9	96.0	96.0	96.1	96.1
IV 500	32.9	80.1	85.7	89.9	92.7	93.1	94.9	95.6	95.6	96.1	96.6	96.6	96.7	96.7	96.8	96.8
IV 400	32.9	80.1	85.9	90.1	93.1	93.5	95.7	96.6	96.6	97.1	97.6	97.7	97.8	97.8	97.8	97.8
IV 300	32.9	80.3	86.0	90.2	93.3	93.8	96.1	97.2	97.3	97.9	98.5	98.5	98.6	98.7	98.7	98.7
IV 200	32.9	80.3	86.0	90.2	93.3	93.8	96.1	97.5	97.5	98.1	98.8	98.8	98.9	99.0	99.1	99.1
IV 100	32.9	80.3	86.0	90.2	93.3	93.8	96.1	97.5	97.5	98.1	98.8	98.8	99.0	99.0	99.5	99.5
IV 0	32.9	80.3	86.0	90.2	93.3	93.8	96.1	97.5	97.5	98.1	98.8	98.8	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2675

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	20.4	54.8	57.5	59.2	60.1	60.3	60.7	60.9	60.9	61.2	61.4	61.4	61.5	61.6	62.0	62.1
IV 20000	21.6	59.2	62.3	64.3	65.3	65.5	65.9	66.1	66.1	66.4	66.7	66.7	66.8	66.8	67.3	67.3
IV 18000	21.7	59.6	62.7	64.7	65.7	65.9	66.3	66.5	66.5	66.8	67.1	67.1	67.2	67.3	67.7	67.7
IV 16000	21.9	60.0	63.1	65.1	66.1	66.3	66.7	66.9	66.9	67.1	67.4	67.4	67.6	67.6	68.0	68.1
IV 14000	22.2	61.4	64.5	66.5	67.5	67.7	68.1	68.3	68.3	68.6	68.9	68.9	69.0	69.0	69.5	69.5
IV 12000	22.5	62.5	65.7	67.8	68.8	69.0	69.4	69.6	69.6	69.9	70.2	70.2	70.3	70.3	70.8	70.9
IV 10000	23.3	64.3	67.7	69.9	71.0	71.2	71.6	71.8	71.8	72.1	72.4	72.4	72.5	72.5	73.0	73.1
IV 9000	23.6	65.4	68.8	70.9	72.2	72.4	72.8	73.1	73.1	73.3	73.6	73.6	73.7	73.8	74.2	74.3
IV 8000	24.1	67.0	70.5	72.7	74.0	74.3	74.7	75.0	75.0	75.2	75.5	75.5	75.7	75.8	76.2	76.3
IV 7000	24.2	68.4	72.1	74.3	75.7	75.9	76.4	76.7	76.7	76.9	77.2	77.2	77.4	77.5	77.9	78.0
IV 6000	24.3	69.4	73.1	75.5	76.9	77.2	77.7	78.0	78.0	78.3	78.6	78.6	78.7	78.8	79.2	79.3
IV 5000	24.4	70.9	74.7	77.2	78.7	79.0	79.5	79.8	79.8	80.1	80.4	80.4	80.6	80.6	81.1	81.2
IV 4500	24.5	71.6	75.4	77.8	79.3	79.7	80.2	80.5	80.5	80.8	81.1	81.1	81.2	81.3	81.7	81.8
IV 4000	24.6	72.4	76.2	78.7	80.4	80.8	81.3	81.6	81.6	81.9	82.2	82.2	82.4	82.4	82.8	83.0
IV 3500	24.7	73.1	77.0	79.6	81.3	81.6	82.2	82.5	82.5	82.8	83.1	83.1	83.3	83.3	83.8	83.9
IV 3000	24.9	73.9	78.1	80.8	82.7	83.0	83.6	83.9	83.9	84.1	84.4	84.4	84.7	84.7	85.2	85.3
IV 2500	24.9	74.4	78.6	81.5	83.4	83.8	84.4	84.8	84.9	85.1	85.4	85.4	85.7	85.7	86.2	86.3
IV 2000	25.1	75.5	79.8	83.0	85.1	85.5	86.2	86.6	86.6	87.1	87.4	87.4	87.6	87.7	88.1	88.2
IV 1800	25.1	75.7	80.0	83.2	85.3	85.7	86.5	86.9	86.9	87.3	87.6	87.6	87.9	87.9	88.4	88.5
IV 1500	25.2	76.2	80.5	83.8	86.2	86.6	87.4	87.9	88.0	88.4	88.7	88.7	89.0	89.0	89.5	89.6
IV 1200	25.3	76.7	81.3	84.8	87.2	87.6	88.5	89.0	89.1	89.6	89.9	89.9	90.1	90.2	90.6	90.7
IV 1000	25.4	77.2	82.1	85.8	89.4	88.8	89.9	90.4	90.5	91.0	91.3	91.3	91.5	91.6	92.1	92.2
IV 900	25.5	77.3	82.3	86.0	88.7	89.1	90.2	90.7	90.7	91.3	91.6	91.6	91.8	91.9	92.4	92.5
IV 800	25.5	77.6	82.7	86.6	89.3	89.8	90.8	91.6	91.6	92.2	92.5	92.5	92.6	92.8	93.3	93.4
IV 700	25.5	77.8	83.0	87.1	90.9	90.3	91.5	92.2	92.3	92.9	93.2	93.2	93.5	93.5	94.0	94.1
IV 600	25.5	78.1	83.5	87.7	90.5	91.0	92.2	93.0	93.0	93.6	93.9	93.9	94.2	94.3	94.7	94.8
IV 500	25.5	78.2	83.7	88.2	91.2	91.8	93.1	94.0	94.0	94.7	95.0	95.0	95.4	95.4	95.9	96.0
IV 400	25.5	78.5	84.1	88.8	92.0	92.7	94.2	95.1	95.2	95.9	96.2	96.2	96.5	96.6	97.1	97.2
IV 300	25.5	78.5	84.1	88.9	92.3	93.1	94.7	95.8	95.9	96.7	97.0	97.0	97.4	97.4	97.9	98.0
IV 200	25.5	78.5	84.2	89.0	92.4	93.1	95.0	96.3	96.3	97.3	97.7	97.7	98.0	98.1	98.7	98.8
IV 100	25.5	78.5	84.2	89.0	92.4	93.1	95.0	96.3	96.4	97.4	97.8	97.8	98.2	98.4	99.1	99.3
IV 0	25.5	78.5	84.2	89.0	92.4	93.1	95.0	96.3	96.4	97.4	97.8	97.8	98.3	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2681

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

APR

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS:1ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	17.1	58.9	62.4	64.1	64.8	64.9	65.4	65.7	65.7	66.0	66.2	66.2	66.6	66.6	66.8	66.9
IV 20000	18.0	62.3	65.8	67.7	68.6	68.8	69.3	69.6	69.7	70.0	70.3	70.3	70.6	70.6	70.8	70.9
IV 18000	18.0	62.9	66.4	68.3	69.2	69.3	69.8	70.2	70.2	70.5	70.8	70.8	71.1	71.2	71.3	71.4
IV 16000	18.1	63.2	66.8	68.7	69.6	69.8	70.3	70.6	70.6	71.0	71.2	71.2	71.6	71.6	71.8	71.8
IV 14000	18.9	64.6	68.3	70.3	71.2	71.4	71.9	72.2	72.3	72.6	72.9	72.9	73.2	73.3	73.4	73.5
IV 12000	19.0	66.0	69.8	71.8	72.7	72.9	73.5	73.8	73.9	74.2	74.5	74.5	74.9	74.9	75.0	75.1
IV 10000	19.3	68.1	72.0	74.0	74.9	75.1	75.7	76.1	76.1	76.5	76.7	76.7	77.1	77.1	77.3	77.4
IV 9000	19.4	68.8	72.8	74.8	75.7	75.9	76.5	76.9	76.9	77.3	77.6	77.6	77.9	77.9	78.1	78.2
IV 8000	19.8	70.7	75.1	77.2	78.2	78.3	79.0	79.3	79.4	79.8	80.1	80.1	80.4	80.5	80.6	80.7
IV 7000	20.1	71.8	76.2	78.3	79.4	79.5	80.2	80.6	80.6	81.0	81.2	81.3	81.7	81.7	81.8	81.9
IV 6000	20.3	73.2	77.6	79.8	81.0	81.1	81.8	82.2	82.3	82.7	83.0	83.0	83.3	83.4	83.5	83.6
IV 5000	20.4	74.2	78.9	81.2	82.3	82.5	83.2	83.7	83.7	84.1	84.4	84.4	84.8	84.8	85.0	85.1
IV 4500	20.4	74.3	79.0	81.5	82.7	82.9	83.6	84.0	84.1	84.5	84.8	84.8	85.1	85.2	85.3	85.4
IV 4000	20.6	75.4	80.3	82.9	84.2	84.4	85.1	85.6	85.6	86.0	86.3	86.3	86.7	86.7	86.9	86.9
IV 3500	20.8	76.2	81.3	83.9	85.3	85.5	86.2	86.7	86.7	87.1	87.4	87.4	87.8	87.8	87.9	88.0
IV 3000	20.8	76.9	82.0	84.7	86.1	86.3	87.0	87.5	87.5	87.9	88.2	88.2	88.6	88.6	88.8	88.8
IV 2500	21.0	77.6	83.0	85.8	87.3	87.4	88.2	88.7	88.7	89.1	89.4	89.4	89.8	89.8	90.0	90.0
IV 2000	21.1	78.9	84.4	87.2	88.6	88.8	89.6	90.1	90.1	90.5	90.8	90.8	91.2	91.2	91.3	91.4
IV 1800	21.1	79.3	84.9	87.7	89.2	89.3	90.1	90.6	90.7	91.0	91.3	91.3	91.7	91.7	91.9	92.0
IV 1500	21.1	79.6	85.4	88.4	90.0	90.2	91.0	91.5	91.6	92.0	92.3	92.3	92.6	92.7	92.8	92.9
IV 1200	21.1	80.0	85.9	89.1	90.9	91.0	91.9	92.4	92.5	92.9	93.2	93.2	93.5	93.6	93.7	93.8
IV 1000	21.2	80.5	86.4	89.9	91.8	91.9	92.7	93.3	93.4	93.8	94.1	94.1	94.5	94.6	94.7	94.8
IV 900	21.2	80.6	86.6	90.1	92.1	92.2	93.1	93.7	93.7	94.2	94.5	94.5	94.9	94.9	95.1	95.2
IV 800	21.2	80.9	87.0	90.6	92.7	92.9	93.8	94.4	94.4	94.9	95.2	95.2	95.6	95.7	95.8	95.9
IV 700	21.2	81.1	87.3	90.9	93.1	93.2	94.2	94.7	94.8	95.3	95.6	95.6	96.0	96.1	96.2	96.3
IV 600	21.2	81.5	87.8	91.6	93.9	94.0	94.9	95.5	95.6	96.2	96.5	96.5	96.9	96.9	97.1	97.2
IV 500	21.2	81.8	88.3	92.2	94.6	94.8	95.8	96.3	96.4	97.0	97.3	97.3	97.7	97.8	97.9	98.0
IV 400	21.2	81.8	88.3	92.3	94.9	95.1	96.1	96.7	96.8	97.4	97.7	97.7	98.1	98.1	98.3	98.3
IV 300	21.2	81.8	88.4	92.4	95.1	95.4	96.5	97.1	97.2	97.8	98.1	98.1	98.6	98.6	98.8	98.9
IV 200	21.2	81.8	88.4	92.4	95.2	95.4	96.6	97.4	97.5	98.1	98.5	98.5	99.0	99.0	99.2	99.3
IV 100	21.2	81.8	88.5	92.5	95.2	95.5	96.7	97.5	97.5	98.3	98.7	98.7	99.3	99.3	99.7	99.8
IV 0	21.2	81.9	88.5	92.5	95.2	95.5	96.7	97.5	97.5	98.3	98.7	98.7	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2589

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	13.9	50.9	55.7	58.4	60.0	60.1	61.0	61.7	61.7	62.3	63.0	63.0	63.5	63.7	64.3	64.7
≥ 20000	15.0	55.1	60.3	63.2	64.8	65.0	66.0	66.7	66.8	67.4	68.1	68.1	68.7	68.8	69.5	69.9
IV 18000	15.2	55.6	60.7	63.6	65.2	65.5	66.5	67.2	67.2	67.8	68.5	68.5	69.1	69.3	69.9	70.4
IV 16000	15.4	56.0	61.1	64.0	65.7	65.9	66.9	67.6	67.7	68.3	69.0	69.0	69.6	69.7	70.4	70.8
IV 14000	15.6	57.0	62.3	65.2	66.9	67.1	68.1	68.8	68.9	69.4	70.1	70.1	70.7	70.9	71.5	72.0
IV 12000	15.9	58.6	63.9	66.9	68.7	68.9	70.0	70.7	70.8	71.5	72.2	72.2	72.8	73.0	73.6	74.1
IV 10000	16.3	60.5	65.9	69.1	70.9	71.1	72.2	72.9	73.0	73.8	74.5	74.5	75.0	75.2	75.8	76.3
IV 9000	16.4	61.0	66.3	69.6	71.4	71.6	72.7	73.4	73.5	74.3	75.0	75.0	75.5	75.7	76.4	76.8
IV 8000	16.7	63.0	68.6	71.9	73.8	74.0	75.2	75.8	76.0	76.8	77.5	77.5	78.0	78.2	78.9	79.4
IV 7000	16.9	64.1	69.8	73.1	75.1	75.3	76.5	77.2	77.3	78.1	78.8	78.8	79.4	79.6	80.2	80.7
IV 6000	16.9	64.8	70.7	74.1	76.2	76.4	77.5	78.3	78.4	79.2	79.9	79.9	80.5	80.6	81.3	81.8
IV 5000	17.0	66.4	72.4	75.9	78.0	78.3	79.4	80.2	80.3	81.1	81.8	81.8	82.4	82.6	83.2	83.7
IV 4500	17.0	66.6	72.5	76.1	78.4	78.6	79.8	80.6	80.7	81.5	82.2	82.2	82.8	82.9	83.6	84.1
IV 4000	17.2	67.4	73.5	77.1	79.4	79.7	80.8	81.6	81.7	82.6	83.3	83.3	83.8	84.0	84.6	85.1
IV 3500	17.2	67.8	74.0	77.6	80.1	80.3	81.5	82.3	82.4	83.2	83.9	83.9	84.5	84.6	85.3	85.8
IV 3000	17.3	68.5	75.2	79.1	81.6	81.9	83.0	83.8	83.9	84.8	85.5	85.5	86.1	86.2	86.9	87.4
IV 2500	17.4	69.2	76.0	80.0	82.6	82.8	84.0	84.8	84.9	85.8	86.5	86.5	87.0	87.2	87.8	88.3
IV 2000	17.5	69.9	76.9	81.1	83.9	84.1	85.3	86.1	86.2	87.1	87.8	87.8	88.4	88.5	89.2	89.7
IV 1800	17.6	70.2	77.2	81.4	84.3	84.5	85.7	86.5	86.6	87.5	88.2	88.2	88.8	88.9	89.6	90.1
IV 1500	17.7	70.9	78.0	82.4	85.3	85.5	86.8	87.6	87.7	88.7	89.4	89.4	89.9	90.1	90.7	91.2
IV 1200	17.7	71.8	79.1	83.7	86.7	86.9	88.2	89.0	89.1	90.0	90.7	90.7	91.3	91.5	92.1	92.6
IV 1000	17.8	72.3	79.6	84.3	87.5	87.7	89.0	89.8	89.9	90.9	91.7	91.7	92.2	92.4	93.1	93.6
IV 900	17.8	72.4	79.9	84.5	87.7	88.0	89.4	90.2	90.3	91.3	92.1	92.1	92.6	92.8	93.4	93.9
IV 800	17.8	72.5	80.0	84.6	88.0	88.2	89.6	90.6	90.7	91.7	92.4	92.4	93.0	93.2	93.8	94.3
IV 700	17.8	72.8	80.4	85.1	88.6	88.9	90.3	91.3	91.4	92.4	93.2	93.2	93.8	93.9	94.6	95.1
IV 600	17.8	73.2	81.0	85.8	89.3	89.5	91.0	92.0	92.1	93.2	93.9	93.9	94.5	94.6	95.3	95.8
IV 500	17.8	73.5	81.5	86.5	90.1	90.4	91.9	92.9	93.1	94.1	94.9	94.9	95.4	95.6	96.3	96.8
IV 400	17.8	73.6	81.6	86.7	90.5	90.8	92.4	93.4	93.5	94.6	95.4	95.4	95.9	96.1	96.8	97.3
IV 300	17.8	73.6	81.7	86.8	90.9	91.2	93.0	94.0	94.1	95.2	96.0	96.0	96.6	96.8	97.4	97.9
IV 200	17.8	73.7	81.8	86.9	91.0	91.3	93.2	94.4	94.5	95.6	96.5	96.5	97.2	97.4	98.1	98.6
IV 100	17.8	73.8	81.8	87.0	91.0	91.4	93.3	94.5	94.6	95.9	96.8	96.8	97.5	97.8	98.7	99.4
IV 0	17.8	73.8	81.8	87.0	91.0	91.4	93.3	94.5	94.6	95.9	96.8	96.8	97.6	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2592

USAF ETAC FORM 7-64 14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

APR

STATION

STATION AVE

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	22.4	49.3	51.8	52.9	54.2	54.4	54.7	55.0	55.0	55.3	55.5	55.5	55.7	55.7	55.9	56.4
IV 20000	24.6	55.4	58.3	59.8	61.4	61.6	62.1	62.4	62.4	62.8	62.9	63.0	63.2	63.2	63.5	63.9
IV 18000	24.7	55.8	58.7	60.3	61.9	62.1	62.6	62.9	62.9	63.3	63.4	63.5	63.7	63.7	64.0	64.4
IV 16000	24.9	56.2	59.1	60.7	62.3	62.5	63.0	63.3	63.3	63.7	63.9	63.9	64.1	64.1	64.4	64.8
IV 14000	25.4	57.3	60.3	61.9	63.6	63.8	64.3	64.6	64.6	65.0	65.2	65.2	65.4	65.4	65.7	66.2
IV 12000	26.1	59.3	62.4	64.1	65.8	66.0	66.5	66.8	66.8	67.2	67.4	67.4	67.6	67.6	68.0	68.4
IV 10000	27.1	62.2	65.4	67.1	68.9	69.2	69.7	70.1	70.1	70.5	70.7	70.7	70.9	70.9	71.2	71.7
IV 9000	27.4	62.9	66.3	68.1	69.9	70.2	70.7	71.1	71.1	71.5	71.7	71.7	71.9	71.9	72.2	72.7
IV 8000	27.8	64.8	68.4	70.3	72.2	72.5	73.0	73.4	73.4	73.8	73.9	74.0	74.2	74.2	74.6	75.0
IV 7000	28.1	66.1	69.8	71.7	73.7	73.9	74.4	74.8	74.9	75.3	75.4	75.4	75.6	75.7	76.0	76.5
IV 6000	28.5	67.5	71.5	73.6	75.6	75.9	76.4	76.8	76.9	77.3	77.4	77.5	77.6	77.7	78.0	78.5
IV 5000	28.9	69.3	73.3	75.5	77.7	78.0	78.5	78.9	79.0	79.4	79.5	79.6	79.8	79.8	80.2	80.6
IV 4500	29.0	69.6	73.6	75.8	78.1	78.4	79.0	79.3	79.4	79.8	80.0	80.0	80.2	80.3	80.6	81.0
IV 4000	29.3	70.7	74.9	77.2	79.5	79.8	80.4	80.8	80.8	81.2	81.4	81.4	81.6	81.7	82.0	82.5
IV 3500	29.5	71.4	75.8	78.0	80.4	80.7	81.3	81.7	81.8	82.2	82.3	82.4	82.5	82.7	83.0	83.4
IV 3000	29.8	72.3	76.8	79.3	81.6	81.9	82.5	82.9	83.0	83.4	83.6	83.6	83.8	83.9	84.2	84.7
IV 2500	30.0	72.7	77.4	80.0	82.4	82.6	83.2	83.7	83.8	84.2	84.4	84.4	84.6	84.7	85.0	85.5
IV 2000	30.3	73.8	78.5	81.2	83.7	83.9	84.6	85.1	85.2	85.6	85.8	85.8	86.1	86.2	86.5	86.9
IV 1800	30.4	74.0	78.7	81.5	83.9	84.2	84.8	85.4	85.4	85.8	86.1	86.1	86.3	86.4	86.8	87.2
IV 1500	30.7	74.9	79.8	82.7	85.3	85.6	86.2	86.8	86.9	87.3	87.6	87.6	87.9	88.0	88.3	88.8
IV 1200	31.0	75.9	81.0	84.0	86.7	87.0	87.6	88.3	88.3	88.8	89.1	89.1	89.3	89.5	89.8	90.2
IV 1000	31.1	76.7	82.0	85.1	87.9	88.2	88.9	89.5	89.6	90.0	90.3	90.4	90.6	90.7	91.0	91.5
IV 900	31.3	77.0	82.3	85.5	88.4	88.6	89.3	90.0	90.1	90.5	90.8	90.8	91.1	91.2	91.5	92.0
IV 800	31.4	77.6	83.2	86.4	89.4	89.7	90.4	91.0	91.2	91.6	91.9	92.0	92.2	92.4	92.7	93.1
IV 700	31.4	78.0	83.6	86.8	90.0	90.3	91.1	91.8	91.9	92.4	92.7	92.7	93.0	93.1	93.4	93.9
IV 600	31.5	78.5	84.2	87.7	91.0	91.5	92.4	93.1	93.2	93.6	93.9	94.0	94.2	94.4	94.7	95.1
IV 500	31.6	79.0	84.8	88.5	91.9	92.3	93.2	94.0	94.1	94.6	95.0	95.0	95.3	95.4	95.7	96.2
IV 400	31.7	79.2	85.1	88.9	92.4	92.9	94.1	94.8	94.9	95.6	96.0	96.1	96.3	96.4	96.8	97.2
IV 300	31.7	79.2	85.3	89.0	92.7	93.2	94.6	95.5	95.6	96.2	96.8	96.8	97.1	97.3	97.8	98.2
IV 200	31.7	79.2	85.3	89.0	92.7	93.3	94.7	95.6	95.8	96.6	97.1	97.2	97.5	97.8	98.4	98.9
IV 100	31.7	79.2	85.3	89.0	92.7	93.3	94.7	95.7	95.9	96.6	97.3	97.3	97.8	98.1	98.9	99.5
IV 0	31.7	79.2	85.3	89.0	92.7	93.3	94.7	95.7	95.9	96.6	97.3	97.3	97.8	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2590

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.4	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	38.5	64.6	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 18000	38.8	65.1	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 16000	39.0	65.6	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	39.6	67.3	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 12000	40.6	69.7	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000	41.8	72.5	73.4	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 9000	42.1	73.7	74.7	75.3	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	42.4	75.1	76.1	76.7	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 7000	42.7	76.3	77.5	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
IV 6000	43.2	77.8	79.2	79.8	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
IV 5000	43.6	78.9	80.3	81.1	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500	43.8	79.2	80.7	81.5	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4000	44.6	80.3	81.9	82.8	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
IV 3500	45.0	81.3	82.9	83.8	84.4	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 3000	45.5	82.7	84.4	85.4	85.9	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2500	46.0	83.9	85.8	86.8	87.4	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	46.7	85.7	87.7	88.7	89.4	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	47.1	86.4	88.4	89.4	90.1	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	47.5	87.7	89.8	90.9	91.6	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2
IV 1200	48.1	89.1	91.3	92.5	93.2	93.2	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 1000	48.5	90.1	92.5	93.7	94.4	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	48.5	90.7	93.1	94.4	95.2	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
IV 800	48.6	91.4	93.9	95.3	96.1	96.2	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
IV 700	48.7	91.8	94.3	95.7	96.6	96.6	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	48.7	92.0	94.6	96.1	96.9	97.0	97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 500	48.7	92.2	94.9	96.4	97.3	97.4	97.9	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	48.7	92.2	94.9	96.5	97.6	97.7	98.2	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	48.7	92.2	95.0	96.6	97.7	97.8	98.5	98.8	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	48.7	92.2	95.0	96.6	97.7	98.0	98.6	99.0	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	48.7	92.2	95.1	96.6	97.8	98.0	98.7	99.1	99.2	99.7	99.8	99.9	99.9	99.9	100.0	100.0
IV 0	48.7	92.2	95.1	96.6	97.8	98.0	98.7	99.1	99.2	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2590

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.9	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 20000	41.6	67.0	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 18000	41.9	67.6	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 16000	41.9	68.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 14000	42.7	69.3	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 12000	43.4	71.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 10000	44.5	73.7	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 9000	44.6	74.4	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 8000	45.2	76.1	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 7000	45.5	77.2	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 6000	46.0	78.2	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 5000	47.0	80.1	81.7	82.1	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	47.3	80.8	82.4	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	48.1	82.2	83.8	84.3	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 3500	49.1	83.8	85.5	86.1	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3000	50.0	86.1	87.8	88.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	50.5	87.6	89.4	90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	51.1	89.9	92.1	92.9	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	51.2	90.1	92.4	93.2	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 1500	51.7	91.2	93.5	94.4	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	51.8	91.7	94.1	95.1	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	51.8	92.4	94.9	95.9	96.8	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	51.9	92.6	95.1	96.1	97.0	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	51.9	92.8	95.3	96.3	97.3	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 700	52.0	93.0	95.5	96.6	97.6	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 600	52.0	93.0	95.6	96.7	97.8	98.0	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 500	52.0	93.1	95.6	96.8	98.0	98.2	98.8	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 400	52.0	93.1	95.6	96.8	98.1	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	52.0	93.1	95.6	96.9	98.3	98.6	99.2	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	52.0	93.1	95.6	96.9	98.3	98.6	99.2	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	52.0	93.1	95.6	96.9	98.3	98.6	99.2	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	52.0	93.1	95.6	96.9	98.3	98.6	99.2	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2592

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.8	57.6	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	41.4	67.2	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 18000	41.7	67.9	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 16000	41.8	68.7	69.5	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 14000	42.3	69.8	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	43.1	72.0	72.8	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 10000	44.3	74.5	75.4	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 9000	44.7	75.6	76.6	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 8000	45.1	76.7	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 7000	45.8	78.4	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 6000	46.4	79.5	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 5000	47.2	81.1	82.9	83.5	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4500	47.5	82.0	83.7	84.4	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 4000	47.9	83.7	85.6	86.3	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500	48.6	85.0	86.9	87.7	88.1	88.1	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	49.3	86.9	89.2	90.1	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	49.7	87.7	90.0	91.1	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2000	50.1	89.1	91.7	92.9	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800	50.1	89.3	92.0	93.2	93.9	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1500	50.3	90.1	93.0	94.4	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	50.3	90.7	93.6	95.0	95.8	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	50.3	91.0	94.0	95.4	96.4	96.5	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	50.3	91.2	94.2	95.7	96.8	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 800	50.3	91.3	94.4	95.9	97.0	97.2	97.5	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	50.3	91.5	94.7	96.3	97.5	97.6	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	50.3	91.7	95.0	96.6	97.9	98.1	98.5	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	50.3	91.7	95.1	96.7	98.0	98.2	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	50.4	91.8	95.2	96.8	98.1	98.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	50.4	91.8	95.2	96.8	98.2	98.4	98.8	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	50.4	91.8	95.2	96.9	98.3	98.5	98.9	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	50.4	91.8	95.2	96.9	98.3	98.5	98.9	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	50.4	91.8	95.2	96.9	98.3	98.5	98.9	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2589

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.6	61.4	62.5	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5
≥ 20000	36.1	69.1	70.4	71.0	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6
IV 18000	36.2	70.1	71.3	71.9	72.2	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 16000	36.2	70.6	71.8	72.4	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 14000	36.8	72.3	73.6	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
IV 12000	37.5	74.5	75.8	76.6	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3
IV 10000	38.0	77.0	78.4	79.2	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
IV 9000	38.2	77.7	79.1	80.0	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
IV 8000	38.7	79.2	80.7	81.7	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 7000	38.8	79.9	81.4	82.4	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
IV 6000	39.0	80.5	82.2	83.2	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
IV 5000	39.2	82.0	84.0	85.1	85.8	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	39.2	82.4	84.4	85.5	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	39.6	83.7	85.9	87.0	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV 3500	39.7	84.4	86.6	87.7	88.5	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	40.0	85.8	88.1	89.3	90.1	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	40.2	86.4	88.8	90.2	91.0	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8
IV 2000	40.3	87.2	89.9	91.4	92.3	92.5	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 1800	40.3	87.4	90.0	91.5	92.5	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5
IV 1500	40.6	88.5	91.2	92.7	93.7	93.9	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 1200	40.6	89.1	92.0	93.6	94.7	94.9	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IV 1000	40.6	89.5	92.6	94.3	95.5	95.7	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9
IV 900	40.6	89.5	92.6	94.4	95.5	95.7	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
IV 800	40.6	89.7	92.9	94.7	95.9	96.2	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	40.6	89.8	93.0	94.9	96.1	96.4	97.3	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 600	40.6	89.9	93.3	95.1	96.4	96.7	97.6	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	40.6	89.9	93.4	95.3	96.6	96.9	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 400	40.6	90.0	93.5	95.4	96.9	97.2	98.1	98.5	98.5	98.9	99.0	99.0	99.0	99.1	99.1	99.1
IV 300	40.6	90.0	93.5	95.4	96.9	97.2	98.3	98.8	98.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4
IV 200	40.6	90.0	93.5	95.4	96.9	97.3	98.3	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 100	40.6	90.0	93.5	95.4	96.9	97.3	98.3	98.8	98.8	99.4	99.5	99.6	99.6	99.7	99.7	99.7
IV 0	40.6	90.0	93.5	95.4	96.9	97.3	98.3	98.8	98.8	99.4	99.5	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2585

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.4	63.1	66.0	66.4	67.0	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8
IV 20000	25.0	68.3	71.3	72.0	72.7	72.8	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
IV 18000	25.2	68.6	71.7	72.4	73.1	73.1	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0
IV 16000	25.2	68.8	72.0	72.7	73.4	73.4	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3
IV 14000	25.6	70.2	73.4	74.1	74.8	74.8	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.7
IV 12000	26.0	72.5	75.8	76.5	77.3	77.3	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.2
IV 10000	26.3	74.7	78.1	78.8	79.6	79.6	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5
IV 9000	26.4	75.2	78.6	79.4	80.2	80.2	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1
IV 8000	26.6	76.9	80.6	81.5	82.3	82.4	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2
IV 7000	26.8	77.9	81.7	82.7	83.6	83.7	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.6
IV 6000	26.9	78.7	82.5	83.5	84.5	84.5	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4
IV 5000	27.2	80.3	84.4	85.4	86.4	86.5	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
IV 4500	27.2	80.7	84.9	86.0	87.0	87.1	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9	88.0
IV 4000	27.3	81.6	86.0	87.0	88.1	88.2	88.7	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.1
IV 3500	27.4	82.2	86.7	87.8	88.8	88.9	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8
IV 3000	27.6	83.0	87.7	88.7	89.8	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.8
IV 2500	27.7	83.7	88.5	89.6	90.7	90.8	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.7
IV 2000	27.8	84.8	89.6	90.9	92.1	92.1	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1
IV 1800	27.9	85.2	90.0	91.3	92.5	92.5	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5
IV 1500	27.9	85.7	90.6	91.9	93.1	93.2	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2
IV 1200	28.0	86.2	91.1	92.6	93.9	94.0	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1
IV 1000	28.0	86.6	91.5	93.2	94.6	94.7	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.9
IV 900	28.0	86.8	91.9	93.6	95.1	95.3	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.6
IV 800	28.0	87.0	92.1	93.9	95.5	95.7	96.5	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.1
IV 700	28.0	87.2	92.6	94.4	96.1	96.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.8
IV 600	28.0	87.3	92.7	94.5	96.1	96.4	97.4	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.0
IV 500	28.0	87.4	93.0	94.8	96.5	96.8	97.9	98.1	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.6
IV 400	28.0	87.4	93.0	94.9	96.6	96.9	98.2	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.9
IV 300	28.0	87.5	93.1	94.9	96.8	97.1	98.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 200	28.0	87.5	93.1	95.0	96.8	97.2	98.6	98.9	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.7
IV 100	28.0	87.5	93.1	95.0	96.8	97.2	98.6	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.8
IV 0	28.0	87.5	93.1	95.0	96.8	97.2	98.6	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2584

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF FTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	17.5	57.2	62.1	64.2	66.2	66.4	67.0	67.1	67.2	67.5	57.6	67.6	67.9	68.0	68.3	68.4
IV 20000	18.4	61.3	66.8	69.1	71.3	71.6	72.1	72.3	72.4	72.7	72.8	72.8	73.1	73.2	73.5	73.6
IV 18000	18.4	61.6	67.1	69.4	71.6	71.9	72.5	72.7	72.7	73.0	73.2	73.2	73.5	73.5	73.9	74.0
IV 16000	18.6	62.1	67.7	70.0	72.3	72.5	73.1	73.3	73.4	73.7	73.8	73.8	74.1	74.2	74.5	74.6
IV 14000	18.7	63.2	68.9	71.4	73.7	73.9	74.5	74.7	74.7	75.0	75.2	75.2	75.5	75.6	75.9	76.0
IV 12000	18.9	64.8	70.7	73.2	75.5	75.7	76.3	76.5	76.5	76.8	77.0	77.0	77.3	77.4	77.7	77.8
IV 10000	19.4	66.7	72.6	75.2	77.6	77.8	78.4	78.6	78.6	78.9	79.1	79.1	79.4	79.5	79.8	79.9
IV 9000	19.4	67.3	73.1	75.7	78.1	78.4	78.9	79.2	79.2	79.5	79.7	79.7	80.0	80.1	80.4	80.5
IV 8000	19.5	68.5	74.4	77.0	79.5	79.7	80.3	80.5	80.6	80.9	81.0	81.0	81.3	81.4	81.8	81.8
IV 7000	19.6	69.5	75.6	78.3	80.7	81.0	81.5	81.8	81.8	82.1	82.2	82.2	82.6	82.7	83.0	83.1
IV 6000	19.7	70.3	76.3	79.0	81.5	81.7	82.3	82.5	82.5	82.8	83.0	83.0	83.3	83.4	83.7	83.8
IV 5000	19.8	71.1	77.2	80.0	82.5	82.8	83.4	83.6	83.6	83.9	84.1	84.1	84.4	84.5	84.8	84.9
IV 4500	19.9	71.4	77.6	80.4	83.0	83.3	83.8	84.0	84.1	84.4	84.5	84.5	84.9	84.9	85.3	85.4
IV 4000	20.0	72.3	78.5	81.3	84.1	84.3	84.9	85.1	85.2	85.5	85.6	85.6	85.9	86.0	86.4	86.4
IV 3500	20.1	72.9	79.1	81.9	84.7	84.9	85.5	85.7	85.8	86.1	86.2	86.2	86.5	86.6	87.0	87.0
IV 3000	20.1	73.7	80.1	83.0	85.8	86.1	86.7	86.9	86.9	87.2	87.4	87.4	87.7	87.8	88.1	88.2
IV 2500	20.1	74.1	80.7	83.6	86.4	86.7	87.3	87.5	87.5	87.8	88.0	88.0	88.3	88.4	88.7	88.8
IV 2000	20.1	75.3	82.1	85.1	87.9	88.2	88.8	89.0	89.1	89.4	89.5	89.5	89.8	89.9	90.3	90.3
IV 1800	20.1	75.5	82.5	85.5	88.3	88.6	89.2	89.4	89.5	89.8	89.9	89.9	90.3	90.3	90.7	90.7
IV 1500	20.1	76.3	83.4	86.4	89.3	89.5	90.1	90.4	90.4	90.7	90.9	90.9	91.2	91.3	91.7	91.8
IV 1200	20.2	78.2	85.6	88.8	91.7	91.9	92.6	92.9	92.9	93.2	93.4	93.4	93.7	93.8	94.2	94.2
IV 1000	20.2	78.8	86.5	89.9	92.9	93.2	93.9	94.1	94.2	94.5	94.6	94.6	94.9	95.0	95.4	95.5
IV 900	20.2	79.2	87.0	90.4	93.5	93.7	94.4	94.7	94.7	95.0	95.2	95.2	95.5	95.6	96.0	96.0
IV 800	20.2	79.7	87.6	91.1	94.2	94.4	95.2	95.5	95.5	95.8	96.0	96.0	96.3	96.4	96.8	96.9
IV 700	20.2	79.8	87.9	91.6	94.7	95.1	95.9	96.2	96.2	96.6	96.7	96.7	97.0	97.1	97.5	97.6
IV 600	20.2	79.8	88.1	91.9	95.1	95.4	96.3	96.6	96.6	96.6	97.0	97.1	97.1	97.5	97.9	98.0
IV 500	20.2	80.0	88.4	92.2	95.4	95.7	96.6	96.9	97.0	97.3	97.5	97.5	97.8	97.9	98.3	98.4
IV 400	20.2	80.0	88.5	92.4	95.7	96.1	97.1	97.5	97.6	97.9	98.1	98.1	98.4	98.5	98.8	98.9
IV 300	20.2	80.1	88.6	92.6	95.9	96.3	97.3	97.8	97.9	98.3	98.4	98.4	98.8	98.8	99.2	99.3
IV 200	20.2	80.1	88.6	92.7	96.0	96.3	97.3	97.9	97.9	98.4	98.5	98.5	98.9	99.0	99.3	99.4
IV 100	20.2	80.1	88.6	92.7	96.0	96.3	97.3	97.9	97.9	98.4	98.6	98.6	99.0	99.0	99.5	99.6
IV 0	20.2	80.1	88.6	92.7	96.0	96.3	97.3	97.9	97.9	98.4	98.6	98.6	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.8	46.8	52.2	55.8	58.4	58.6	59.8	60.5	60.6	61.3	61.7	61.8	62.1	62.2	63.2	63.7
≥ 20000	13.5	49.7	55.2	58.9	61.7	62.0	63.3	64.0	64.1	65.0	65.4	65.4	65.8	65.9	67.0	67.5
IV 18000	13.6	49.8	55.4	59.1	61.9	62.2	63.5	64.2	64.3	65.2	65.6	65.7	66.0	66.1	67.2	67.8
IV 16000	13.6	50.0	55.6	59.4	62.1	62.4	63.7	64.5	64.6	65.4	65.8	65.9	66.3	66.4	67.5	68.0
IV 14000	13.8	51.2	56.8	60.6	63.6	63.9	65.1	65.9	66.0	66.9	67.3	67.3	67.8	67.9	69.0	69.5
IV 12000	14.1	52.7	58.4	62.3	65.4	65.7	66.9	67.7	67.8	68.7	69.1	69.1	69.6	69.7	70.8	71.3
IV 10000	14.6	54.8	60.6	64.5	67.7	68.0	69.3	70.0	70.1	71.0	71.5	71.5	72.0	72.1	73.2	73.7
IV 8000	14.7	55.6	61.5	65.5	68.7	69.0	70.3	71.0	71.1	72.0	72.5	72.5	73.0	73.1	74.2	74.7
IV 7000	14.9	57.2	63.1	67.2	70.5	70.8	72.1	72.8	73.0	73.9	74.3	74.4	74.8	75.0	76.1	76.6
IV 6000	15.1	58.4	64.5	68.7	72.1	72.4	73.7	74.4	74.5	75.5	76.0	76.0	76.5	76.6	77.7	78.2
IV 5000	15.3	59.7	66.0	70.3	73.7	74.0	75.3	76.0	76.1	77.1	77.6	77.6	78.1	78.2	79.3	79.9
IV 4000	15.4	60.9	67.4	71.7	75.1	75.5	76.8	77.6	77.7	78.7	79.1	79.1	79.6	79.8	80.9	81.4
IV 3500	15.4	61.1	67.6	72.1	75.5	75.9	77.2	78.0	78.1	79.1	79.5	79.6	80.0	80.2	81.3	81.8
IV 3000	15.6	62.2	68.9	73.4	77.0	77.4	78.7	79.4	79.6	80.5	81.0	81.0	81.5	81.6	82.7	83.3
IV 2500	15.7	62.9	69.8	74.3	77.9	78.3	79.6	80.4	80.5	81.5	81.9	81.9	82.4	82.6	83.7	84.2
IV 2000	15.7	63.6	70.7	75.4	79.0	79.4	80.7	81.5	81.6	82.6	83.0	83.1	83.6	83.7	84.8	85.4
IV 1800	15.8	64.3	71.6	76.3	80.0	80.4	81.9	82.7	82.8	83.8	84.3	84.3	84.8	84.9	86.0	86.6
IV 1500	15.8	65.7	73.0	78.0	81.7	82.1	83.7	84.4	84.5	85.5	86.0	86.0	86.5	86.7	87.8	88.3
IV 1200	15.8	66.0	73.3	78.4	82.1	82.5	84.1	84.8	84.9	86.0	86.4	86.4	86.9	87.1	88.2	88.7
IV 1000	15.8	66.9	74.3	79.5	83.3	83.7	85.3	86.0	86.1	87.2	87.6	87.7	88.2	88.3	89.4	90.0
IV 900	15.8	68.3	75.9	81.2	85.1	85.5	87.1	87.9	88.0	89.0	89.5	89.5	90.0	90.1	91.2	91.8
IV 800	15.8	68.8	76.6	82.0	86.0	86.4	88.1	88.9	89.0	90.0	90.5	90.5	91.0	91.0	92.2	92.8
IV 700	15.8	69.1	76.9	82.5	86.4	86.9	88.6	89.4	89.5	90.5	91.0	91.0	91.5	91.6	92.7	93.3
IV 600	15.8	69.6	77.6	83.1	87.1	87.6	89.3	90.0	90.1	91.2	91.6	91.7	92.2	92.3	93.4	94.0
IV 500	15.8	70.3	78.3	84.0	88.2	88.7	90.4	91.1	91.2	92.2	92.7	92.8	93.3	93.4	94.5	95.1
IV 400	15.9	70.6	78.7	84.5	88.7	89.2	91.0	91.8	91.9	92.9	93.4	93.4	93.9	94.0	95.2	95.8
IV 300	15.9	70.6	78.9	84.7	89.0	89.4	91.5	92.2	92.4	93.5	94.0	94.0	94.6	94.7	95.9	96.5
IV 200	15.9	70.7	79.1	85.0	89.3	89.8	91.9	92.7	92.8	93.9	94.5	94.5	95.1	95.2	96.4	97.0
IV 100	15.9	70.8	79.3	85.4	89.8	90.3	92.4	93.2	93.4	94.5	95.1	95.2	95.7	95.9	97.1	97.7
IV 0	15.9	70.9	79.4	85.4	89.9	90.4	92.7	93.6	93.8	94.9	95.5	95.6	96.2	96.4	97.6	98.2
IV 0	15.9	70.9	79.4	85.4	89.9	90.4	92.7	93.6	93.8	95.0	95.7	95.8	96.4	96.7	98.1	98.8
IV 0	15.9	70.9	79.4	85.4	89.9	90.4	92.7	93.6	93.8	95.0	95.7	95.8	96.5	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2670

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.6	49.8	52.0	53.5	54.6	55.0	55.4	55.6	55.7	56.1	56.2	56.3	56.5	56.6	56.7	56.9
≥ 20000	23.9	55.5	57.9	59.7	60.6	61.2	61.7	61.9	62.0	62.4	62.6	62.6	62.9	62.9	63.0	63.3
IV 18000	23.9	55.6	58.1	59.8	60.9	61.4	61.8	62.0	62.2	62.6	62.7	62.8	63.0	63.1	63.2	63.4
IV 16000	24.0	55.8	58.3	60.0	61.1	61.6	62.0	62.2	62.4	62.7	62.9	63.0	63.2	63.3	63.4	63.6
IV 14000	24.4	56.8	59.3	61.1	62.2	62.7	63.2	63.3	63.5	63.9	64.1	64.1	64.4	64.4	64.5	64.7
IV 12000	25.1	58.8	61.4	63.2	64.3	64.8	65.3	65.4	65.6	66.0	66.2	66.2	66.5	66.5	66.6	66.9
IV 10000	26.2	62.0	64.8	66.8	68.0	68.5	69.1	69.3	69.5	69.9	70.1	70.1	70.4	70.4	70.5	70.8
IV 9000	26.4	62.6	65.4	67.3	68.6	69.0	69.6	69.8	70.0	70.4	70.6	70.7	70.9	71.0	71.1	71.3
IV 8000	27.1	64.7	67.7	69.6	71.1	71.6	72.2	72.4	72.5	73.0	73.2	73.2	73.5	73.5	73.6	73.8
IV 7000	27.2	65.9	69.1	71.0	72.6	73.1	73.8	74.0	74.1	74.6	74.8	74.8	75.1	75.1	75.3	75.5
IV 6000	27.5	67.0	70.3	72.2	73.9	74.4	75.1	75.3	75.4	75.9	76.1	76.1	76.4	76.4	76.6	76.8
IV 5000	27.8	68.5	71.8	73.8	75.6	76.1	76.7	76.9	77.1	77.6	77.7	77.8	78.0	78.1	78.2	78.5
IV 4500	27.9	68.9	72.4	74.4	76.1	76.6	77.3	77.5	77.7	78.2	78.3	78.4	78.6	78.7	78.8	79.1
IV 4000	28.1	69.7	73.2	75.3	77.0	77.5	78.2	78.4	78.6	79.1	79.2	79.3	79.5	79.6	79.7	80.0
IV 3500	28.2	70.3	74.0	76.1	77.9	78.4	79.1	79.3	79.4	79.9	80.1	80.2	80.4	80.5	80.6	80.8
IV 3000	28.3	71.3	75.0	77.2	79.1	79.6	80.3	80.6	80.7	81.2	81.4	81.4	81.7	81.7	81.9	82.1
IV 2500	28.6	72.6	76.5	78.7	80.6	81.1	81.9	82.2	82.3	82.8	83.0	83.0	83.3	83.3	83.5	83.7
IV 2000	29.0	74.4	78.5	80.7	82.7	83.2	84.0	84.3	84.4	84.9	85.1	85.1	85.4	85.4	85.6	85.8
IV 1800	29.1	74.6	78.8	81.0	83.0	83.5	84.3	84.6	84.8	85.3	85.4	85.5	85.7	85.8	85.9	86.2
IV 1500	29.2	75.4	79.7	82.3	84.4	84.9	85.8	86.1	86.2	86.7	86.9	86.9	87.2	87.2	87.4	87.6
IV 1200	29.4	77.1	81.6	84.3	86.5	87.0	87.8	88.2	88.3	88.8	89.0	89.0	89.3	89.3	89.5	89.7
IV 1000	29.5	78.4	83.2	86.3	88.7	89.2	90.2	90.5	90.7	91.2	91.4	91.4	91.7	91.7	91.9	92.1
IV 900	29.5	78.7	83.6	86.6	89.1	89.6	90.7	91.0	91.2	91.7	91.9	92.0	92.2	92.3	92.4	92.6
IV 800	29.7	79.5	84.5	87.8	90.4	90.9	92.0	92.4	92.6	93.1	93.3	93.3	93.6	93.6	93.8	94.0
IV 700	29.7	79.9	85.1	88.5	91.1	91.7	92.9	93.3	93.5	94.0	94.2	94.2	94.5	94.5	94.7	94.9
IV 600	29.7	80.3	85.7	89.3	91.9	92.5	93.8	94.3	94.4	95.0	95.2	95.2	95.5	95.5	95.7	95.9
IV 500	29.8	80.6	86.2	89.7	92.5	93.2	94.6	95.1	95.3	95.9	96.1	96.1	96.4	96.5	96.7	96.9
IV 400	29.8	80.6	86.3	89.9	92.8	93.7	95.2	95.7	96.0	96.7	96.9	97.0	97.3	97.4	97.6	97.8
IV 300	29.8	80.6	86.4	90.1	93.1	94.0	95.6	96.2	96.5	97.2	97.5	97.6	97.9	98.0	98.2	98.5
IV 200	29.8	80.6	86.4	90.1	93.1	94.1	95.6	96.4	96.7	97.4	97.9	97.9	98.3	98.5	98.9	99.2
IV 100	29.8	80.6	86.4	90.1	93.1	94.1	95.6	96.4	96.7	97.5	97.9	98.0	98.4	98.6	99.1	99.5
IV 0	29.8	80.6	86.4	90.1	93.1	94.1	95.6	96.4	96.7	97.5	97.9	98.0	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2665

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS, EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.0	57.9	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	36.7	64.0	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
WV 18000	36.9	64.3	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
WV 16000	36.9	64.2	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
WV 14000	37.2	65.1	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
WV 12000	38.4	67.5	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
WV 10000	39.1	69.9	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
WV 9000	39.4	70.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
WV 8000	40.2	72.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
WV 7000	40.7	74.3	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
WV 6000	41.1	75.6	77.1	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
WV 5000	41.5	76.9	78.4	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
WV 4500	41.6	77.3	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
WV 4000	42.0	78.2	79.8	80.2	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
WV 3500	42.5	79.2	80.9	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
WV 3000	43.0	80.9	82.7	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
WV 2500	43.9	82.7	84.5	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
WV 2000	44.5	84.8	86.9	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
WV 1800	44.8	85.7	87.8	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
WV 1500	45.6	88.0	90.1	90.7	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
WV 1200	45.9	90.1	92.3	93.0	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
WV 1000	46.0	91.6	94.0	94.8	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
WV 900	46.1	91.9	94.5	95.3	95.8	95.8	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
WV 800	46.1	92.3	95.2	96.1	96.6	96.7	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
WV 700	46.2	92.7	95.6	96.6	97.2	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
WV 600	46.2	92.9	95.9	97.1	97.8	97.9	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
WV 500	46.2	93.0	96.0	97.3	98.0	98.1	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
WV 400	46.2	93.1	96.1	97.5	98.2	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
WV 300	46.2	93.1	96.2	97.5	98.3	98.4	99.2	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
WV 200	46.2	93.1	96.2	97.5	98.3	98.4	99.2	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
WV 100	46.2	93.1	96.2	97.5	98.3	98.4	99.2	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
WV 0	46.2	93.1	96.2	97.5	98.3	98.4	99.2	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2665

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	35.1	59.8	60.6	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 20000	40.1	68.4	69.5	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 18000	40.1	68.6	69.6	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 16000	40.2	68.8	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 14000	40.8	69.9	71.0	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 12000	41.9	72.0	73.1	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 10000	42.6	74.1	75.3	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 9000	42.7	74.3	75.5	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 8000	43.5	76.3	77.5	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 7000	43.8	77.4	78.7	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 6000	44.1	78.6	80.0	80.3	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	44.5	79.6	81.1	81.4	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500	44.7	80.2	81.6	82.0	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4000	45.8	82.0	83.5	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500	46.9	83.5	85.1	85.5	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	47.8	86.1	87.8	88.2	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500	48.8	87.9	89.6	90.0	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2000	49.5	90.0	92.0	92.5	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	49.6	90.6	92.6	93.2	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	49.8	91.8	94.0	94.7	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	50.0	92.9	95.1	95.8	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	50.1	93.2	95.5	96.4	97.1	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	50.1	93.4	95.7	96.7	97.5	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	50.1	93.5	95.9	96.9	97.7	97.8	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	50.1	93.7	96.1	97.2	98.0	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	50.2	94.0	96.4	97.6	98.5	98.6	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	50.2	94.1	96.5	97.7	98.6	98.7	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	50.2	94.1	96.5	97.7	98.6	98.8	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	50.2	94.1	96.5	97.7	98.6	98.8	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	50.2	94.1	96.5	97.7	98.7	98.8	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 150	50.2	94.1	96.5	97.7	98.7	98.8	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	50.2	94.1	96.5	97.7	98.7	98.8	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	50.2	94.1	96.5	97.7	98.7	98.8	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2662

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	33.9	59.8	60.6	60.7	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 20000	39.7	69.7	71.0	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
IV 18000	40.0	70.2	71.5	71.8	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 16000	40.1	70.6	71.8	72.1	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
IV 14000	40.8	71.6	72.9	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
IV 12000	41.5	73.2	74.5	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
IV 10000	42.4	75.3	76.6	76.9	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 9000	42.8	76.0	77.3	77.7	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 8000	43.4	78.1	79.5	79.9	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 7000	44.2	79.4	80.9	81.3	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 6000	44.6	80.4	81.9	82.4	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 5000	45.0	82.0	83.6	84.0	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 4500	45.5	83.0	84.7	85.2	85.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000	46.1	84.3	86.1	86.6	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 3500	46.8	85.9	87.8	88.2	88.5	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3000	47.4	87.1	89.0	89.5	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	48.0	88.4	90.4	91.0	91.4	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	48.5	89.4	91.5	92.3	92.7	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	48.5	89.7	91.8	92.7	93.1	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	48.7	90.5	92.7	93.7	94.2	94.3	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0
IV 1200	48.9	91.1	93.4	94.4	95.0	95.1	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0
IV 1000	49.0	92.0	94.5	95.6	96.2	96.4	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
IV 900	49.1	92.2	94.7	95.8	96.4	96.6	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
IV 800	49.1	92.5	95.1	96.4	97.0	97.2	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4
IV 700	49.1	92.6	95.3	96.7	97.5	97.7	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 600	49.1	92.7	95.5	97.0	97.9	98.2	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4
IV 500	49.1	92.8	95.7	97.2	98.1	98.4	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 400	49.1	93.0	95.8	97.3	98.4	98.6	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 300	49.1	93.0	95.8	97.3	98.4	98.6	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	49.1	93.0	95.8	97.3	98.4	98.6	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
IV 100	49.1	93.0	95.8	97.3	98.4	98.6	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	49.1	93.0	95.8	97.3	98.4	98.6	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2670

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.3	58.7	59.9	60.4	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 20000	33.9	63.5	70.4	71.1	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 18000	34.3	69.2	71.0	71.8	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	34.4	69.4	71.3	72.1	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 14000	35.2	70.8	72.7	73.5	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 12000	36.1	73.4	75.3	76.2	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 10000	36.9	76.0	78.1	79.0	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 9000	37.2	76.8	78.8	79.8	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 8000	37.8	78.8	81.1	82.0	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 7000	38.3	80.1	82.4	83.5	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 6000	38.6	81.4	83.8	84.9	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 5000	38.9	82.7	85.1	86.3	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4500	39.1	83.1	85.7	86.9	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	39.4	84.0	86.7	88.1	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3500	39.5	84.7	87.6	89.0	89.7	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3000	39.8	85.7	88.7	90.1	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	40.1	86.4	89.4	90.8	91.5	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	40.3	87.4	90.6	92.1	92.8	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	40.4	87.7	90.9	92.4	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	40.5	88.5	91.8	93.4	94.3	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	40.6	89.0	92.4	94.2	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1000	40.6	89.8	93.4	95.2	96.2	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	40.7	90.0	93.7	95.6	96.5	96.7	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	40.7	90.3	94.2	96.2	97.2	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 700	40.7	90.4	94.3	96.4	97.6	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 600	40.7	90.5	94.6	96.8	97.9	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	40.7	90.6	94.7	97.0	98.2	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 400	40.7	90.6	94.7	97.0	98.2	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	40.7	90.6	94.7	97.0	98.2	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 200	40.7	90.6	94.7	97.0	98.2	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 100	40.7	90.6	94.7	97.0	98.2	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 0	40.7	90.6	94.7	97.0	98.2	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2668

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.1	62.6	65.5	66.8	67.5	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	25.3	67.5	71.0	72.4	73.2	73.4	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	25.4	68.0	71.4	72.9	73.7	73.8	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.3	74.3
IV 16000	25.4	68.2	71.7	73.2	74.0	74.1	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.6
IV 14000	26.1	69.5	73.2	74.8	75.7	75.9	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.3	76.3	76.3
IV 12000	26.5	70.9	74.9	76.4	77.4	77.5	77.6	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 10000	27.2	73.8	78.0	79.6	80.6	80.8	80.8	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 9000	27.4	74.1	78.4	80.1	81.1	81.2	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7
IV 8000	27.5	75.5	79.9	81.6	82.6	82.8	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	27.8	76.7	81.1	82.9	83.9	84.1	84.1	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 6000	27.8	77.6	82.0	83.8	84.8	85.0	85.0	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	28.1	78.8	83.5	85.3	86.4	86.5	86.6	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0
IV 4500	28.1	79.0	83.7	85.5	86.6	86.8	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4000	28.1	79.6	84.4	86.2	87.4	87.5	87.6	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 3500	28.4	80.4	85.2	87.1	88.2	88.3	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3000	28.4	81.1	85.9	87.8	88.9	89.1	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.6	89.6	89.6
IV 2500	28.5	81.9	86.9	88.8	90.0	90.1	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	28.5	83.1	88.3	90.2	91.5	91.6	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1800	28.6	83.4	88.7	90.6	91.9	92.1	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6
IV 1500	28.7	84.4	89.8	91.8	93.1	93.3	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.9	93.9	93.9
IV 1200	28.7	85.6	91.3	93.5	94.9	95.0	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
IV 1000	28.9	86.3	92.2	94.5	95.9	96.1	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	28.9	86.8	92.7	95.1	96.5	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IV 800	29.0	87.0	93.2	95.6	97.1	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 700	29.0	87.3	93.7	96.3	97.8	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 600	29.0	87.4	93.9	96.6	98.2	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 500	29.0	87.6	94.1	97.0	98.5	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 400	29.0	87.6	94.1	97.0	98.5	98.8	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	29.0	87.6	94.1	97.0	98.5	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	29.0	87.6	94.1	97.0	98.5	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	29.0	87.6	94.1	97.0	98.5	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 0	29.0	87.6	94.1	97.0	98.5	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2668

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.4	59.1	64.4	66.1	67.2	67.2	67.6	67.8	67.8	68.0	68.2	68.2	68.3	68.4	68.4	68.4
≥ 20000	16.6	63.9	69.6	71.3	72.6	72.7	73.1	73.3	73.3	73.5	73.8	73.8	73.9	74.0	74.0	74.0
IV 18000	16.8	64.2	69.9	71.6	73.0	73.1	73.6	73.7	73.7	73.9	74.2	74.2	74.3	74.4	74.4	74.4
IV 16000	16.8	64.4	70.1	71.9	73.2	73.3	73.8	73.9	73.9	74.1	74.4	74.4	74.5	74.6	74.6	74.6
IV 14000	17.1	65.2	71.1	72.8	74.2	74.2	74.7	74.9	74.9	75.1	75.4	75.4	75.5	75.5	75.5	75.6
IV 12000	17.4	67.2	73.5	75.4	76.8	76.9	77.4	77.6	77.6	77.8	78.0	78.1	78.2	78.2	78.2	78.3
IV 10000	17.6	69.5	76.1	78.0	79.7	79.7	80.3	80.5	80.5	80.7	81.0	81.0	81.1	81.2	81.2	81.2
IV 9000	17.7	70.2	76.8	78.8	80.4	80.4	81.0	81.2	81.2	81.4	81.7	81.8	81.9	81.9	81.9	81.9
IV 8000	17.8	71.7	78.6	80.5	82.1	82.2	82.7	83.0	83.0	83.2	83.5	83.5	83.6	83.6	83.6	83.7
IV 7000	17.8	72.7	79.8	81.5	83.4	83.4	84.0	84.3	84.3	84.5	84.9	84.9	85.0	85.0	85.0	85.1
IV 6000	17.9	73.2	80.4	82.4	84.1	84.1	84.7	85.0	85.0	85.2	85.5	85.6	85.7	85.7	85.7	85.7
IV 5000	18.1	74.4	81.7	83.7	85.5	85.5	86.1	86.4	86.4	86.6	87.0	87.0	87.1	87.2	87.2	87.2
IV 4500	18.1	74.7	82.0	84.0	85.8	85.8	86.4	86.7	86.7	87.0	87.3	87.4	87.4	87.5	87.5	87.5
IV 4000	18.2	75.5	83.0	85.1	86.9	86.9	87.5	87.8	87.8	88.1	88.4	88.5	88.5	88.6	88.6	88.6
IV 3500	18.2	76.1	83.8	85.8	87.6	87.6	88.2	88.6	88.6	88.8	89.2	89.2	89.3	89.3	89.3	89.4
IV 3000	18.3	76.8	84.6	86.7	88.5	88.6	89.1	89.5	89.5	89.8	90.2	90.2	90.3	90.3	90.3	90.4
IV 2500	18.5	77.9	85.8	88.0	89.8	89.9	90.4	90.8	90.8	91.1	91.5	91.5	91.6	91.6	91.6	91.7
IV 2000	19.0	79.5	87.9	90.2	92.2	92.2	92.9	93.3	93.3	93.6	93.9	94.0	94.0	94.1	94.1	94.1
IV 1800	19.0	79.9	88.3	90.7	92.6	92.7	93.3	93.7	93.7	94.0	94.4	94.4	94.5	94.5	94.5	94.6
IV 1500	19.1	80.7	89.4	91.8	93.8	93.9	94.6	95.0	95.0	95.3	95.7	95.7	95.8	95.8	95.8	95.9
IV 1200	19.2	81.6	90.4	92.9	94.9	95.0	95.7	96.1	96.1	96.4	96.8	96.8	96.9	96.9	96.9	97.0
IV 1000	19.2	82.4	91.3	93.9	96.0	96.1	96.8	97.2	97.2	97.5	97.9	97.9	98.0	98.0	98.0	98.1
IV 900	19.2	82.5	91.5	94.1	96.2	96.3	97.0	97.4	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.3
IV 800	19.2	82.8	91.9	94.5	96.6	96.6	97.4	97.9	97.9	98.1	98.5	98.5	98.6	98.7	98.7	98.7
IV 700	19.2	83.1	92.2	94.9	97.0	97.0	97.9	98.3	98.3	98.5	98.9	98.9	99.0	99.1	99.1	99.1
IV 600	19.2	83.2	92.3	94.9	97.0	97.1	97.9	98.3	98.3	98.6	99.0	99.0	99.1	99.1	99.1	99.2
IV 500	19.2	83.2	92.4	95.0	97.2	97.3	98.2	98.6	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.4
IV 400	19.2	83.2	92.5	95.1	97.3	97.4	98.3	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.6
IV 300	19.2	83.2	92.5	95.3	97.5	97.7	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8
IV 200	19.2	83	92.5	95.3	97.6	97.7	98.6	99.1	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0
IV 100	19.2	83.2	92.5	95.3	97.6	97.7	98.6	99.1	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0
IV 0	19.2	83.2	92.5	95.3	97.6	97.7	98.6	99.1	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2469

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.6	47.5	54.1	58.3	61.0	61.2	62.4	63.3	63.4	64.1	64.6	64.6	65.1	65.3	65.6	65.8
≥ 20000	12.3	51.5	58.7	63.2	66.3	66.6	67.9	68.9	69.1	70.0	70.4	70.5	71.1	71.2	71.6	71.9
IV 18000	12.4	51.9	59.1	63.7	66.8	67.0	68.5	69.4	69.6	70.5	71.0	71.0	71.7	71.8	72.1	72.4
IV 16000	12.4	52.0	59.2	63.8	66.8	67.1	68.5	69.5	69.7	70.6	71.0	71.1	71.7	71.9	72.2	72.5
IV 14000	12.7	52.7	59.9	64.5	67.6	67.9	69.3	70.2	70.4	71.3	71.8	71.8	72.5	72.6	72.9	73.2
IV 12000	12.9	54.8	62.3	67.0	70.1	70.4	71.8	72.8	72.9	73.8	74.4	74.4	75.1	75.2	75.5	75.8
IV 10000	13.2	57.2	64.9	69.7	73.0	73.3	74.8	75.8	75.9	76.8	77.4	77.4	78.0	78.2	78.5	78.9
IV 9000	13.5	58.2	65.9	70.7	74.0	74.3	75.8	76.8	77.0	77.8	78.4	78.4	79.1	79.2	79.6	79.9
IV 8000	13.6	59.7	67.5	72.5	75.8	76.1	77.6	78.6	78.8	79.7	80.2	80.2	80.9	81.1	81.4	81.8
IV 7000	13.7	61.0	68.9	74.0	77.4	77.7	79.3	80.3	80.4	81.3	81.8	81.9	82.6	82.7	83.1	83.4
IV 6000	13.8	61.7	69.8	74.9	78.5	78.8	80.4	81.4	81.6	82.5	83.0	83.0	83.7	83.9	84.2	84.6
IV 5000	14.2	62.6	70.8	76.0	79.6	79.9	81.5	82.5	82.7	83.6	84.1	84.1	84.8	85.0	85.4	85.7
IV 4500	14.2	62.9	71.1	76.3	79.9	80.3	81.9	82.9	83.1	84.0	84.5	84.6	85.2	85.4	85.8	86.1
IV 4000	14.4	64.0	72.3	77.6	81.2	81.5	83.1	84.2	84.4	85.2	85.8	85.8	86.5	86.7	87.0	87.3
IV 3500	14.6	64.6	73.0	78.3	82.0	82.3	83.9	85.0	85.2	86.0	86.6	86.6	87.3	87.5	87.8	88.2
IV 3000	14.6	65.4	73.8	79.2	82.9	83.3	84.9	86.0	86.1	87.0	87.5	87.6	88.3	88.4	88.8	89.1
IV 2500	14.8	66.2	74.7	80.2	84.0	84.4	86.0	87.1	87.3	88.2	88.7	88.8	89.4	89.6	90.0	90.3
IV 2000	14.9	67.1	75.8	81.4	85.3	85.7	87.5	88.5	88.7	89.6	90.1	90.2	90.9	91.0	91.4	91.7
IV 1800	15.0	67.2	76.0	81.6	85.5	85.8	87.6	88.7	88.8	89.8	90.3	90.3	91.0	91.2	91.5	91.9
IV 1500	15.0	68.2	77.1	82.7	86.6	87.1	88.8	90.0	90.1	91.1	91.6	91.7	92.4	92.5	92.9	93.2
IV 1200	15.2	69.2	78.1	83.9	87.8	88.2	90.1	91.2	91.4	92.4	92.9	92.9	93.6	93.8	94.1	94.5
IV 1000	15.2	69.7	78.8	84.6	88.6	89.1	91.0	92.2	92.3	93.3	93.8	93.9	94.5	94.7	95.1	95.4
IV 900	15.2	69.8	79.0	84.8	88.8	89.3	91.2	92.4	92.5	93.6	94.1	94.2	94.9	95.0	95.4	95.7
IV 800	15.2	70.3	79.5	85.4	89.4	89.9	92.0	93.1	93.3	94.3	94.9	94.9	95.6	95.8	96.2	96.5
IV 700	15.2	70.5	79.8	85.7	89.9	90.4	92.4	93.6	93.8	94.8	95.4	95.4	96.1	96.3	96.6	97.0
IV 600	15.2	70.6	80.1	86.0	90.3	90.8	92.8	94.0	94.2	95.3	95.8	95.9	96.6	96.7	97.1	97.4
IV 500	15.2	70.6	80.2	86.2	90.6	91.1	93.2	94.5	94.7	95.8	96.4	96.4	97.1	97.3	97.7	98.0
IV 400	15.2	70.8	80.5	86.5	91.0	91.5	93.6	94.9	95.1	96.4	97.0	97.0	97.7	97.9	98.2	98.5
IV 300	15.2	70.8	80.5	86.6	91.2	91.7	93.9	95.3	95.6	96.8	97.5	97.5	98.2	98.3	98.8	99.1
IV 200	15.2	70.8	80.5	86.6	91.2	91.8	93.9	95.3	95.7	96.9	97.5	97.6	98.4	98.6	99.1	99.4
IV 100	15.2	70.8	80.5	86.6	91.2	91.8	93.9	95.3	95.7	96.9	97.5	97.6	98.5	98.7	99.3	99.8
IV 0	15.2	70.8	80.5	86.6	91.2	91.8	93.9	95.3	95.7	96.9	97.5	97.6	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2473

USAF ETAC

FORM
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	20.7	48.4	52.3	53.7	55.1	55.3	55.9	56.0	56.1	56.2	56.3	56.3	56.6	56.6	56.8	57.2
≥ 20000	23.1	55.2	59.6	61.4	63.1	63.3	64.0	64.2	64.3	64.5	64.6	64.6	64.9	64.9	65.1	65.5
IV 18000	23.3	55.6	60.0	61.9	63.6	63.8	64.4	64.7	64.7	64.9	65.1	65.1	65.3	65.4	65.6	66.0
IV 16000	23.3	56.0	60.4	62.3	64.0	64.2	64.8	65.1	65.1	65.3	65.5	65.5	65.7	65.8	66.0	66.4
IV 14000	23.7	57.4	61.8	63.8	65.5	65.7	66.3	66.6	66.7	66.9	67.0	67.0	67.2	67.3	67.5	67.9
IV 12000	24.8	60.5	65.3	67.3	69.0	69.2	69.9	70.2	70.2	70.4	70.5	70.5	70.8	70.9	71.0	71.5
IV 10000	26.0	63.6	68.6	70.9	72.7	72.9	73.6	73.8	73.9	74.1	74.2	74.2	74.5	74.6	74.8	75.2
IV 9000	26.2	64.1	69.2	71.5	73.3	73.5	74.2	74.4	74.5	74.7	74.8	74.8	75.1	75.2	75.4	75.8
IV 8000	26.8	66.4	71.7	74.1	75.9	76.1	76.8	77.1	77.1	77.3	77.5	77.5	77.7	77.9	78.0	78.5
IV 7000	27.2	67.5	72.9	75.3	77.1	77.4	78.1	78.4	78.4	78.6	78.7	78.7	79.0	79.1	79.3	79.7
IV 6000	27.5	68.4	73.9	76.4	78.2	78.5	79.2	79.5	79.5	79.7	79.8	79.8	80.2	80.3	80.4	80.9
IV 5000	27.7	69.1	74.6	77.1	79.0	79.3	80.0	80.3	80.4	80.6	80.7	80.7	81.0	81.1	81.3	81.7
IV 4500	27.7	69.4	74.9	77.4	79.3	79.6	80.3	80.6	80.6	80.8	81.0	81.0	81.3	81.4	81.6	82.0
IV 4000	27.9	70.0	75.6	78.1	80.0	80.3	81.0	81.3	81.4	81.6	81.7	81.7	82.0	82.1	82.3	82.7
IV 3500	28.1	70.3	76.0	78.5	80.4	80.7	81.5	81.8	81.8	82.0	82.1	82.1	82.4	82.6	82.7	83.1
IV 3000	28.6	71.7	77.5	80.1	82.0	82.3	83.1	83.4	83.4	83.6	83.7	83.7	84.1	84.2	84.3	84.8
IV 2500	28.8	72.5	78.4	81.1	82.9	83.3	84.1	84.4	84.4	84.6	84.7	84.7	85.1	85.2	85.3	85.8
IV 2000	29.2	74.1	80.0	82.8	84.8	85.1	86.0	86.3	86.3	86.5	86.6	86.6	87.0	87.1	87.2	87.7
IV 1800	29.5	74.5	80.4	83.1	85.3	85.6	86.5	86.8	86.8	87.0	87.1	87.1	87.4	87.6	87.7	88.2
IV 1500	29.8	75.8	81.8	84.6	86.7	87.1	88.0	88.2	88.3	88.5	88.6	88.6	89.0	89.1	89.2	89.7
IV 1200	30.2	77.0	83.3	86.1	88.3	88.7	89.6	89.9	89.9	90.2	90.3	90.3	90.6	90.7	90.9	91.3
IV 1000	30.5	78.1	84.6	87.6	89.9	90.3	91.3	91.6	91.7	91.9	92.1	92.1	92.4	92.5	92.6	93.1
IV 900	30.6	78.5	84.9	87.9	90.3	90.7	91.7	92.0	92.1	92.3	92.4	92.4	92.8	92.9	93.0	93.5
IV 800	30.8	79.2	85.8	88.9	91.3	91.7	92.7	93.2	93.3	93.6	93.7	93.7	94.0	94.1	94.3	94.7
IV 700	30.8	79.6	86.4	89.7	92.2	92.6	93.8	94.3	94.3	94.6	94.7	94.7	95.0	95.2	95.3	95.7
IV 600	30.8	79.8	86.8	90.1	92.8	93.3	94.5	95.1	95.2	95.5	95.6	95.6	95.9	96.0	96.2	96.6
IV 500	30.9	80.0	87.1	90.5	93.4	93.9	95.2	95.9	96.1	96.4	96.6	96.6	96.9	97.1	97.2	97.7
IV 400	30.9	80.2	87.4	90.8	93.8	94.3	95.6	96.4	96.5	97.0	97.2	97.3	97.6	97.7	97.9	98.3
IV 300	30.9	80.4	87.6	91.0	94.1	94.7	96.3	97.1	97.2	97.7	97.9	97.9	98.3	98.4	98.6	99.1
IV 200	30.9	80.4	87.7	91.1	94.3	94.9	96.5	97.4	97.5	98.1	98.3	98.4	98.8	98.9	99.2	99.7
IV 100	30.9	80.4	87.7	91.1	94.3	94.9	96.5	97.4	97.5	98.1	98.4	98.4	98.9	99.0	99.4	99.9
IV 0	30.9	80.4	87.7	91.1	94.3	94.9	96.5	97.4	97.5	98.1	98.4	98.4	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2516

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.7	55.9	57.0	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 20000	37.4	65.2	66.4	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000	37.6	65.6	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 16000	37.7	65.9	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 14000	38.4	67.4	68.7	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 12000	39.9	70.6	71.9	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 10000	40.7	73.1	74.5	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 9000	40.9	73.9	75.3	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 8000	41.7	75.2	76.7	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 7000	42.1	76.3	77.9	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000	42.3	76.8	78.4	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 5000	42.4	77.4	79.1	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4500	42.7	77.7	79.4	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4000	43.0	78.5	80.2	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	43.6	79.3	81.1	81.6	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 3000	44.7	81.0	83.0	83.5	83.8	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 2500	45.5	83.0	84.9	85.5	85.7	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2000	46.6	85.7	87.7	88.4	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	47.1	86.7	88.8	89.4	89.6	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500	47.9	88.6	90.9	91.6	91.8	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1200	48.3	90.9	93.2	93.9	94.2	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	48.7	92.2	94.6	95.3	95.8	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	48.7	92.4	94.8	95.5	96.0	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	48.8	92.9	95.5	96.2	96.9	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 700	48.9	93.3	96.0	96.8	97.6	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 600	48.9	93.5	96.3	97.0	97.9	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV 500	48.9	93.7	96.4	97.3	98.3	98.7	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 400	48.9	93.7	96.4	97.4	98.4	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	48.9	93.7	96.5	97.5	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	48.9	93.7	96.5	97.5	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	48.9	93.7	96.5	97.5	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0
IV 0	48.9	93.7	96.5	97.5	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2537

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	54.5	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
IV 20000	39.5	66.5	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 18000	39.9	67.1	68.8	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 16000	39.9	67.4	69.1	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 14000	40.6	68.7	70.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 12000	41.8	71.2	72.9	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 10000	42.6	73.4	75.3	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5
IV 9000	42.7	73.7	75.6	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 8000	43.9	75.7	77.7	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 7000	44.2	76.5	78.6	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	44.7	77.5	79.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 5000	45.0	78.1	80.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4500	45.2	78.5	80.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	45.7	79.7	81.9	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
IV 3500	46.6	81.1	83.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	48.7	84.0	86.4	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	49.8	86.5	88.9	90.4	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
IV 2000	50.6	88.6	91.4	92.8	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1800	50.7	89.0	91.8	93.3	93.8	93.9	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	51.3	90.5	93.3	95.0	95.5	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 1200	51.5	91.6	94.5	96.3	96.8	96.8	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	51.5	91.9	94.9	96.7	97.3	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 900	51.5	92.1	95.1	96.9	97.5	97.5	97.6	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	51.5	92.3	95.5	97.3	98.1	98.1	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	51.5	92.4	95.7	97.5	98.3	98.4	98.7	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	51.6	92.5	95.7	97.6	98.5	98.5	98.8	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 500	51.6	92.5	95.8	97.6	98.6	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
IV 400	51.6	92.6	95.9	97.7	98.7	98.7	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	51.6	92.7	96.0	97.9	98.8	98.9	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	51.6	92.7	96.0	97.9	98.8	98.9	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	51.6	92.7	96.0	97.9	98.8	98.9	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	51.6	92.7	96.0	97.9	98.8	98.9	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2534

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.2	52.6	53.6	53.8	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 20000	39.7	66.4	67.7	68.1	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	39.9	67.2	68.5	68.9	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 16000	39.9	67.7	69.2	69.6	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	40.9	70.0	71.6	72.0	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 12000	42.0	72.2	74.0	74.5	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 10000	42.9	74.5	76.3	76.9	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 9000	43.0	74.9	76.7	77.4	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 8000	43.7	76.5	78.7	79.4	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 7000	44.1	77.7	79.9	80.7	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 6000	44.4	78.4	80.7	81.6	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 5000	44.9	79.7	82.0	82.9	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4500	45.1	80.4	82.8	83.7	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4000	45.8	81.3	84.4	85.5	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	46.6	83.1	85.7	86.8	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	47.5	84.6	87.4	88.5	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	48.4	86.8	89.6	90.9	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	48.9	88.4	91.5	92.9	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800	49.0	88.7	91.9	93.3	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	49.5	90.0	93.3	94.8	95.8	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	49.7	90.8	94.3	95.8	96.9	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 1000	49.9	91.1	94.6	96.2	97.3	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	49.9	91.2	94.7	96.3	97.4	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	50.0	91.3	95.0	96.6	98.0	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 700	50.0	91.5	95.2	96.9	98.2	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	50.0	91.5	95.3	96.9	98.3	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	50.0	91.7	95.5	97.2	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	50.0	91.8	95.7	97.4	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	50.0	91.8	95.7	97.4	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	50.0	91.8	95.7	97.4	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	50.0	91.8	95.7	97.4	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	50.0	91.8	95.7	97.4	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2539

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VIS. BILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.5	50.8	52.2	52.5	52.9	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 20000	32.6	65.0	67.1	67.5	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
IV 18000	32.8	65.5	67.6	68.0	68.6	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 16000	33.0	65.9	68.0	68.4	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 14000	34.0	68.3	70.4	70.9	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 12000	35.4	70.9	73.3	73.7	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 10000	36.3	73.9	76.5	77.0	77.7	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 9000	36.6	74.8	77.5	78.0	78.8	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	37.2	77.1	79.9	80.5	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
IV 7000	37.4	77.9	80.8	81.4	82.3	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	38.0	79.0	81.9	82.6	83.5	83.5	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	38.4	80.5	83.4	84.1	85.1	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500	38.5	81.1	84.1	84.8	85.8	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4000	38.9	82.4	85.6	86.3	87.3	87.3	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3500	39.2	83.0	86.2	86.9	88.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
IV 3000	39.8	84.8	88.1	88.9	90.1	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	40.6	86.4	89.8	90.6	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	41.0	88.0	91.6	92.6	93.9	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1800	41.0	88.4	91.9	92.9	94.2	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	41.3	89.4	93.2	94.3	95.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	41.4	90.3	94.2	95.4	96.8	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	41.4	90.7	94.7	96.0	97.4	97.5	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	41.4	90.8	94.8	96.1	97.6	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
IV 800	41.5	91.1	95.1	96.5	98.0	98.0	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	41.5	91.2	95.2	96.6	98.2	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 600	41.6	91.3	95.3	96.7	98.3	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 500	41.6	91.3	95.4	96.9	98.5	98.5	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 400	41.6	91.5	95.6	97.0	98.6	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	41.6	91.5	95.6	97.0	98.7	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	41.6	91.5	95.6	97.0	98.7	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	41.6	91.5	95.6	97.0	98.7	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	41.6	91.5	95.6	97.0	98.7	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2543

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47, 49-72

JUN

STAT OP

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.4	60.8	62.9	63.8	64.2	64.2	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	23.8	68.7	71.3	72.5	73.1	73.1	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 18000	23.9	68.9	71.6	72.7	73.3	73.3	73.6	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 16000	23.9	69.2	71.8	73.0	73.6	73.6	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 14000	24.4	70.8	73.5	74.7	75.3	75.3	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 12000	25.0	73.0	75.8	77.0	77.6	77.6	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 10000	25.5	76.2	79.4	80.6	81.4	81.4	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 9000	25.7	76.6	80.1	81.4	82.2	82.2	82.5	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 8000	26.0	78.6	82.1	83.4	84.2	84.2	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 7000	26.1	79.6	83.2	84.6	85.4	85.4	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	26.2	80.4	84.0	85.4	86.2	86.2	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 5000	26.6	81.8	85.4	87.0	87.8	87.8	88.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	26.7	82.3	86.0	87.6	88.4	88.4	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4000	26.7	83.2	87.0	88.7	89.6	89.6	89.9	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3500	26.8	83.6	87.6	89.3	90.2	90.2	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	26.9	84.1	88.3	90.0	91.0	91.0	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	26.9	85.1	89.5	91.2	92.3	92.3	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	27.1	86.5	91.2	93.0	94.3	94.3	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800	27.3	87.0	91.7	93.6	94.8	94.8	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1500	27.4	87.8	92.6	94.4	96.0	96.0	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	27.5	88.5	93.5	95.5	97.1	97.2	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	27.5	89.0	94.0	96.1	97.8	97.8	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	27.5	89.1	94.1	96.2	97.9	97.9	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	27.5	89.2	94.3	96.5	98.1	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	27.5	89.5	94.6	96.8	98.4	98.5	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	27.5	89.5	94.6	96.8	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	27.5	89.5	94.6	96.9	98.6	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	27.5	89.7	94.8	97.0	98.7	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	27.5	89.8	94.9	97.2	98.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	27.5	89.8	94.9	97.2	98.9	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	27.5	89.8	94.9	97.2	98.9	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	27.5	89.8	94.9	97.2	98.9	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2531

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.5	57.2	61.7	63.7	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 20000	19.5	65.2	70.6	73.1	73.9	73.9	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
IV 18000	19.5	65.4	70.9	73.3	74.2	74.2	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
IV 16000	19.7	66.3	72.0	74.4	75.3	75.3	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
IV 14000	20.6	68.6	74.4	76.9	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IV 12000	20.9	71.0	77.0	79.5	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 10000	21.2	74.9	81.3	83.9	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 9000	21.3	75.5	81.9	84.5	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 8000	21.4	77.0	83.7	86.4	87.3	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 7000	21.6	78.0	84.8	87.5	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 6000	21.6	78.5	85.6	88.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 5000	21.7	79.0	86.3	89.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	21.8	79.3	86.6	89.4	90.4	90.5	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	21.8	80.2	87.7	90.5	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3500	21.9	80.7	88.2	91.0	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	22.0	81.5	89.2	92.2	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	22.1	82.1	90.0	92.9	94.1	94.2	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	22.2	83.1	91.2	94.4	95.6	95.7	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	22.3	83.4	91.5	94.7	95.9	96.0	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	22.4	83.7	91.9	95.1	96.4	96.5	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	22.4	84.3	92.6	95.8	97.1	97.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 1000	22.4	84.7	93.1	96.5	97.9	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6
IV 900	22.4	84.9	93.2	96.6	98.0	98.1	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	22.4	84.9	93.4	96.8	98.2	98.3	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
IV 700	22.4	85.1	93.6	97.1	98.6	98.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	22.4	85.2	93.7	97.3	98.7	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
IV 500	22.4	85.3	93.8	97.4	98.9	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
IV 400	22.4	85.3	93.8	97.4	99.0	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	22.4	85.4	93.9	97.6	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	22.4	85.4	93.9	97.6	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	22.4	85.4	93.9	97.6	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	22.4	85.4	93.9	97.6	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2491

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	12.0	50.0	56.7	59.9	61.8	61.9	62.7	62.8	62.9	63.3	63.5	63.5	63.8	63.8	63.8	63.8
≥ 20000	13.8	57.0	64.5	67.9	70.1	70.3	71.1	71.2	71.3	71.7	72.0	72.0	72.3	72.3	72.4	72.4
W 18000	13.9	57.3	64.9	68.3	70.6	70.7	71.6	71.7	71.8	72.2	72.4	72.4	72.7	72.8	72.8	72.8
W 16000	13.9	57.7	65.4	68.9	71.1	71.3	72.1	72.2	72.3	72.7	72.9	72.9	73.2	73.3	73.3	73.3
W 14000	14.4	59.3	67.2	70.7	72.9	73.1	74.0	74.0	74.2	74.6	74.8	74.8	75.1	75.1	75.2	75.2
W 12000	14.8	62.0	70.3	73.8	76.1	76.3	77.3	77.4	77.5	77.9	78.2	78.2	78.5	78.5	78.6	78.6
W 10000	15.5	65.4	74.2	77.9	80.2	80.4	81.6	81.6	81.7	82.1	82.4	82.4	82.7	82.8	82.9	82.9
W 9000	15.5	65.9	74.7	78.4	80.8	81.0	82.1	82.2	82.3	82.7	82.9	82.9	83.3	83.3	83.4	83.4
W 8000	15.7	68.0	77.0	80.9	83.4	83.6	84.8	84.9	85.0	85.4	85.6	85.6	86.0	86.0	86.1	86.1
W 7000	15.8	68.8	78.0	81.9	84.7	84.8	86.0	86.1	86.2	86.6	86.9	86.9	87.2	87.3	87.4	87.4
W 6000	15.9	69.3	78.7	82.6	85.4	85.6	86.8	86.9	87.0	87.4	87.6	87.6	88.0	88.0	88.1	88.1
W 5000	15.9	69.7	79.3	83.3	86.0	86.3	87.5	87.6	87.7	88.1	88.3	88.3	88.7	88.7	88.8	88.8
W 4500	15.9	69.8	79.4	83.4	86.2	86.4	87.7	87.8	87.9	88.3	88.5	88.5	88.9	88.9	89.0	89.0
W 4000	15.9	70.3	80.1	84.2	87.0	87.2	88.5	88.5	88.6	89.0	89.3	89.3	89.7	89.7	89.8	89.8
W 3500	16.0	70.7	80.5	84.7	87.6	87.8	89.1	89.2	89.4	89.8	90.0	90.0	90.4	90.4	90.5	90.5
W 3000	16.0	71.4	81.5	85.8	88.7	89.0	90.3	90.5	90.6	91.0	91.3	91.3	91.6	91.7	91.7	91.7
W 2500	16.1	72.0	82.3	86.7	89.7	89.9	91.3	91.4	91.6	92.0	92.2	92.2	92.6	92.6	92.7	92.7
W 2000	16.2	72.0	83.4	88.0	91.0	91.3	92.7	92.8	93.0	93.4	93.7	93.7	94.0	94.1	94.2	94.2
W 1800	16.2	72.9	83.6	88.2	91.2	91.5	92.9	93.0	93.2	93.7	93.9	93.9	94.3	94.3	94.4	94.4
W 1500	16.3	73.3	84.2	88.8	91.9	92.2	93.7	93.8	94.0	94.4	94.7	94.7	95.0	95.1	95.1	95.1
W 1200	16.4	74.0	85.0	89.7	92.8	93.2	94.7	94.8	95.0	95.4	95.7	95.7	96.0	96.1	96.1	96.1
W 1000	16.4	74.3	85.6	90.5	93.7	94.1	95.5	95.7	95.8	96.3	96.6	96.6	96.9	97.0	97.1	97.1
W 900	16.4	74.3	85.6	90.5	93.7	94.1	95.5	95.7	95.9	96.3	96.6	96.6	97.0	97.0	97.1	97.1
W 800	16.4	74.5	85.9	90.9	94.1	94.5	96.0	96.1	96.3	96.7	97.0	97.0	97.4	97.4	97.5	97.5
W 700	16.4	74.5	86.0	91.1	94.3	94.8	96.2	96.3	96.5	97.0	97.3	97.3	97.6	97.7	97.7	97.7
W 600	16.4	74.6	86.1	91.3	94.5	95.0	96.4	96.5	96.7	97.2	97.5	97.5	97.8	97.9	97.9	97.9
W 500	16.4	75.0	86.6	91.8	95.1	95.6	97.1	97.2	97.3	97.8	98.1	98.1	98.4	98.5	98.6	98.6
W 400	16.4	75.0	86.6	92.0	95.4	95.8	97.3	97.5	97.6	98.1	98.4	98.4	98.8	98.8	98.9	98.9
W 300	16.4	75.1	86.8	92.2	95.7	96.1	97.7	97.9	98.1	98.6	98.8	98.8	99.2	99.3	99.4	99.4
W 200	16.4	75.1	86.8	92.2	95.7	96.1	97.7	97.9	98.1	98.6	98.8	98.8	99.3	99.4	99.6	99.6
W 100	16.4	75.1	86.8	92.2	95.7	96.1	97.7	97.9	98.1	98.6	99.0	99.0	99.4	99.5	99.8	99.8
W 0	16.4	75.1	86.8	92.2	95.7	96.1	97.7	97.9	98.1	98.6	99.0	99.0	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2515

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	20.7	48.3	52.0	53.4	54.3	54.4	54.7	54.9	55.0	55.1	55.3	55.3	55.4	55.4	55.4	55.4
≥ 20000	23.8	57.7	61.6	63.5	64.6	64.8	65.1	65.4	65.4	65.7	65.8	65.8	65.9	65.9	65.9	66.0
IV 18000	24.0	58.1	62.1	64.0	65.1	65.3	65.7	65.9	65.9	66.2	66.3	66.3	66.4	66.4	66.5	66.6
IV 16000	24.2	58.7	62.7	64.6	65.8	65.9	66.3	66.5	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.2
IV 14000	24.9	60.3	64.4	66.3	67.5	67.6	68.1	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.9	69.0
IV 12000	26.5	64.6	68.9	70.9	72.1	72.3	72.7	72.9	73.0	73.3	73.4	73.4	73.5	73.5	73.6	73.6
IV 10000	28.1	69.0	73.8	75.9	77.3	77.5	78.1	78.4	78.4	78.8	78.9	78.9	79.0	79.0	79.0	79.1
IV 9000	28.3	69.9	74.7	76.8	78.2	78.4	79.0	79.3	79.3	79.7	79.8	79.8	79.9	79.9	80.0	80.0
IV 8000	28.6	71.9	76.8	78.9	80.4	80.6	81.2	81.5	81.5	81.9	82.0	82.0	82.1	82.1	82.2	82.2
IV 7000	29.1	73.1	78.1	80.3	81.9	82.1	82.7	83.0	83.0	83.4	83.5	83.5	83.6	83.6	83.6	83.7
IV 6000	29.3	73.6	78.9	81.1	82.7	82.9	83.5	83.7	83.8	84.1	84.2	84.2	84.4	84.4	84.4	84.5
IV 5000	29.5	74.5	79.8	82.0	83.6	83.9	84.5	84.8	84.9	85.2	85.3	85.3	85.4	85.4	85.5	85.6
IV 4500	29.5	74.8	80.1	82.4	83.9	84.2	84.9	85.2	85.2	85.6	85.7	85.7	85.8	85.8	85.8	85.9
IV 4000	29.8	75.4	80.8	83.1	84.7	85.0	85.6	86.0	86.0	86.3	86.5	86.5	86.6	86.6	86.6	86.7
IV 3500	29.9	75.7	81.0	83.5	85.1	85.4	86.1	86.4	86.4	86.8	86.9	86.9	87.0	87.0	87.0	87.1
IV 3000	30.2	76.5	81.9	84.5	86.1	86.4	87.1	87.5	87.5	87.9	88.0	88.0	88.1	88.1	88.2	88.2
IV 2500	30.3	76.9	82.4	85.0	86.6	87.0	87.6	88.0	88.0	88.4	88.5	88.5	88.7	88.7	88.7	88.8
IV 2000	30.8	78.4	84.2	86.8	88.5	88.9	89.6	90.0	90.0	90.4	90.6	90.6	90.7	90.7	90.8	90.8
IV 1800	31.0	78.6	84.5	87.2	88.9	89.3	90.0	90.4	90.4	90.8	90.9	90.9	91.1	91.1	91.1	91.2
IV 1500	31.2	79.8	85.8	88.5	90.4	90.8	91.5	91.9	92.0	92.4	92.5	92.5	92.6	92.6	92.7	92.8
IV 1200	31.4	80.7	86.8	89.6	91.4	91.9	92.6	93.0	93.1	93.5	93.7	93.7	93.8	93.8	93.8	93.9
IV 1000	31.7	81.2	87.6	90.4	92.3	92.7	93.5	93.9	94.0	94.5	94.6	94.6	94.7	94.7	94.8	94.9
IV 900	31.7	81.5	87.9	90.8	92.7	93.2	93.9	94.3	94.4	94.9	95.0	95.0	95.2	95.2	95.2	95.3
IV 800	31.7	81.9	88.4	91.3	93.4	93.8	94.7	95.1	95.2	95.7	95.8	95.8	95.9	95.9	96.0	96.1
IV 700	31.7	82.2	88.7	91.8	93.8	94.3	95.2	95.6	95.7	96.2	96.4	96.4	96.5	96.5	96.6	96.6
IV 600	31.7	82.6	89.2	92.3	94.4	94.9	95.8	96.2	96.3	96.9	97.0	97.0	97.1	97.1	97.2	97.3
IV 500	31.7	83.0	89.7	93.0	95.3	95.8	96.7	97.2	97.3	97.8	98.0	98.0	98.1	98.1	98.2	98.3
IV 400	31.7	83.0	89.8	93.2	95.5	96.0	97.1	97.6	97.6	98.2	98.4	98.4	98.6	98.6	98.7	98.8
IV 300	31.7	83.2	90.0	93.4	95.8	96.3	97.5	98.0	98.0	98.6	98.8	98.8	99.0	99.0	99.1	99.2
IV 200	31.7	83.2	90.0	93.4	95.8	96.3	97.6	98.1	98.1	98.7	99.0	99.1	99.3	99.3	99.5	99.7
IV 100	31.7	83.2	90.0	93.4	95.8	96.3	97.6	98.1	98.1	98.7	99.0	99.1	99.3	99.4	99.7	99.8
IV 0	31.7	83.2	90.0	93.4	95.8	96.3	97.6	98.1	98.1	98.7	99.0	99.1	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2584

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS, STD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	51.3	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 20000	34.3	61.3	62.1	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 18000	34.5	61.7	62.5	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 16000	34.7	62.4	63.1	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 14000	36.4	64.7	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 12000	38.9	69.0	70.0	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000	41.0	73.1	74.3	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 9000	41.4	73.7	75.0	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 8000	42.1	75.5	76.9	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	42.2	76.5	77.9	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 6000	42.7	77.3	78.7	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 5000	43.1	78.0	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 4500	43.2	78.1	79.6	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 4000	43.7	79.1	80.6	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	44.0	79.8	81.3	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	45.1	81.0	83.4	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	46.2	83.5	85.2	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	47.7	86.3	88.4	89.2	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800	47.9	86.8	88.9	89.8	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1500	48.8	88.9	91.2	92.2	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	49.6	91.0	93.6	94.7	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1000	50.0	92.2	95.0	96.1	96.8	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	50.0	92.7	95.5	96.7	97.4	97.4	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	50.1	92.9	95.9	97.1	97.8	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 700	50.1	93.1	96.1	97.3	98.1	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 600	50.2	93.3	96.3	97.6	98.4	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	50.2	93.4	96.6	98.0	98.8	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 400	50.2	93.4	96.6	98.0	99.0	99.1	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	50.2	93.4	96.6	98.0	99.0	99.1	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	50.2	93.4	96.6	98.0	99.0	99.1	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	50.2	93.4	96.6	98.0	99.0	99.1	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	50.2	93.4	96.6	98.0	99.0	99.1	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2593

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.0	50.3	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
W 20000	35.9	62.2	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
W 18000	36.1	62.3	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
W 16000	36.6	63.4	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
W 14000	38.0	65.9	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
W 12000	40.4	69.9	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
W 10000	42.1	74.0	75.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
W 9000	42.4	74.8	75.9	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
W 8000	43.2	76.2	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
W 7000	43.5	77.0	78.4	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
W 6000	43.7	77.6	78.9	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
W 5000	44.1	78.2	79.6	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
W 4500	44.3	78.5	80.0	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
W 4000	45.4	80.3	81.8	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
W 3500	46.4	81.8	83.4	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
W 3000	48.2	84.4	86.1	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
W 2500	49.5	87.0	89.0	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
W 2000	51.0	90.1	92.4	93.3	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
W 1800	51.2	90.6	92.9	93.8	94.5	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
W 1500	51.5	91.9	94.3	95.2	96.0	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
W 1200	51.7	92.7	95.3	96.3	97.1	97.2	97.3	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
W 1000	52.1	93.3	96.1	97.2	98.1	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
W 900	52.1	93.7	96.4	97.6	98.5	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
W 800	52.1	93.8	96.6	97.8	98.7	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
W 700	52.1	93.8	96.7	97.9	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
W 600	52.1	93.8	96.7	98.0	99.0	99.0	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
W 500	52.1	93.8	96.8	98.1	99.0	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
W 400	52.1	93.8	96.8	98.1	99.0	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
W 300	52.1	93.8	96.9	98.2	99.1	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
W 200	52.1	93.8	96.9	98.2	99.1	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
W 100	52.1	93.8	96.9	98.2	99.1	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
W 0	52.1	93.8	96.9	98.2	99.1	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2584

USAF ETAC FORM 1-64 0-14-5 (GLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.9	47.2	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	35.4	63.2	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IN 18000	36.0	64.1	64.7	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IN 16000	36.5	65.0	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IN 14000	37.6	67.2	68.1	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IN 12000	39.8	71.2	72.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IN 10000	42.2	76.3	77.3	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IN 9000	42.5	76.0	77.9	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IN 8000	43.5	79.2	80.4	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IN 7000	44.1	80.8	82.1	82.7	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IN 6000	44.3	81.6	82.9	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IN 5000	44.7	82.5	84.0	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IN 4500	44.8	82.8	84.3	85.0	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IN 4000	45.4	84.2	85.8	86.6	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 3500	46.1	85.6	87.3	88.1	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IN 3000	46.9	87.4	89.1	90.1	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IN 2500	47.6	89.0	90.9	91.9	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IN 2000	48.2	90.7	92.8	93.9	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IN 1800	48.3	91.0	93.3	94.4	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IN 1500	48.5	92.0	94.4	95.6	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IN 1200	48.6	92.8	95.3	96.5	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IN 1000	48.8	93.3	95.9	97.2	98.3	98.4	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IN 900	48.8	93.4	96.0	97.4	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
IN 800	48.9	93.5	96.2	97.6	98.8	98.9	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 700	48.9	93.5	96.2	97.6	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IN 600	48.9	93.5	96.3	97.7	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 500	48.9	93.5	96.4	97.8	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IN 400	48.9	93.5	96.4	97.8	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IN 300	48.9	93.5	96.4	97.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0
IN 200	48.9	93.5	96.4	97.8	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IN 100	48.9	93.5	96.4	97.8	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IN 0	48.9	93.5	96.4	97.8	99.1	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2598

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47, 49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	22.8 32.1	44.9 63.6	46.0 65.5	46.2 66.0	46.4 66.3	46.4 66.3	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5	46.5 66.5
IV 18000 16000	32.6 33.3	64.3 65.5	66.3 67.5	66.8 68.0	67.1 68.4	67.2 68.4	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6	67.3 68.6
IV 14000 12000	34.1 36.3	67.9 72.1	70.2 74.5	70.7 75.2	71.1 75.6	71.1 75.6	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8	71.3 75.8
IV 10000 9000	38.1 38.4	77.0 77.8	79.8 80.5	80.6 81.4	81.1 81.8	81.1 81.8	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1	81.3 82.1
IV 8000 7000	39.3 39.6	79.6 81.3	82.6 84.4	83.6 85.6	84.1 86.1	84.1 86.2	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5	84.4 86.5
IV 6000 5000	39.9 40.3	82.0 83.2	85.4 86.7	86.5 88.0	87.1 88.6	87.2 88.6	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0	87.5 89.0
IV 4500 4000	40.5 41.2	83.5 85.0	86.9 88.5	88.3 89.8	88.9 90.4	88.9 90.5	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8	89.3 90.8
IV 3500 3000	41.3 41.4	85.5 86.2	89.1 89.9	90.4 91.2	91.0 91.9	91.1 91.9	91.4 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3
IV 2500 2000	41.8 41.9	87.3 88.4	91.2 92.4	92.7 94.0	93.3 94.7	93.4 94.7	93.7 95.2	93.8 95.2	93.8 95.2	93.8 95.2	93.8 95.2	93.8 95.2	93.8 95.2	93.8 95.2	93.8 95.2	93.8 95.2
IV 1800 1500	41.9 42.2	88.5 89.2	92.7 93.5	94.2 95.2	94.9 95.9	94.9 96.0	95.4 96.6	95.5 96.6	95.5 96.6	95.5 96.6	95.5 96.6	95.5 96.6	95.5 96.6	95.5 96.6	95.5 96.6	95.5 96.6
IV 1200 1000	42.3 42.5	89.9 90.4	94.3 94.9	96.0 96.6	96.8 97.5	96.8 97.5	97.4 98.1	97.5 98.2	97.5 98.2	97.6 98.3	97.6 98.3	97.6 98.3	97.6 98.3	97.6 98.3	97.6 98.3	97.6 98.3
IV 900 800	42.5 42.6	90.5 90.6	95.1 95.3	96.8 97.1	97.8 98.0	97.8 98.0	98.5 98.7	98.5 98.7	98.5 98.7	98.6 98.8	98.6 98.8	98.6 98.8	98.6 98.8	98.6 98.8	98.6 98.8	98.6 98.8
IV 700 600	42.6 42.7	90.6 90.7	95.4 95.6	97.1 97.3	98.1 98.5	98.1 98.5	98.8 99.2	98.9 99.2	98.9 99.2	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.1 99.4	99.1 99.5
IV 500 400	42.7 42.7	90.7 90.7	95.6 95.7	97.4 97.4	98.5 98.6	98.6 98.6	99.3 99.4	99.4 99.5	99.4 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.7 99.7	99.8 99.8
IV 300 200	42.7 42.7	90.7 90.7	95.7 95.7	97.5 97.5	98.6 98.6	98.6 98.6	99.4 99.4	99.5 99.5	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 100.0	100.0 100.0
IV 100 0	42.7 42.7	90.7 90.7	95.7 95.7	97.5 97.5	98.6 98.6	98.6 98.6	99.4 99.4	99.5 99.5	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2588

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.0	55.0	56.8	57.4	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≤ 20000	26.9	66.5	69.3	70.2	70.7	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 18000	27.2	67.3	70.0	71.0	71.6	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 16000	27.4	68.1	70.9	71.9	72.5	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000	28.2	70.3	73.3	74.3	74.9	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 12000	29.0	73.0	76.2	77.2	77.8	77.9	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 10000	30.1	77.2	80.6	81.9	82.4	82.5	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 9000	30.2	78.0	81.4	82.7	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 8000	30.4	79.6	83.5	84.9	85.6	85.6	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 7000	31.0	81.7	85.9	87.2	87.9	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	31.1	82.4	86.7	88.1	88.9	88.9	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 5000	31.3	83.5	87.9	89.4	90.1	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4500	31.4	83.7	88.1	89.6	90.4	90.4	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4000	31.5	84.6	89.1	90.6	91.4	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3500	31.7	85.2	89.7	91.2	92.0	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	32.0	85.8	90.6	92.1	93.0	93.1	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2500	32.0	86.3	91.3	93.0	93.9	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2000	32.2	87.3	92.7	94.4	95.4	95.5	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	32.2	87.5	92.9	94.6	95.6	95.7	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	32.4	88.1	93.0	95.7	96.7	96.8	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	32.4	88.5	94.3	96.3	97.3	97.4	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	32.5	88.9	94.8	96.8	97.8	97.9	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	32.5	89.0	94.9	96.9	98.0	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	32.5	89.0	94.9	97.0	98.0	98.1	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	32.5	89.0	95.0	97.0	98.1	98.3	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	32.5	89.1	95.2	97.2	98.5	98.6	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	32.5	89.1	95.3	97.4	98.6	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	32.5	89.1	95.4	97.5	98.8	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	32.5	89.1	95.4	97.5	98.9	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	32.5	89.1	95.4	97.5	98.9	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	32.5	89.1	95.4	97.5	98.9	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	32.5	89.1	95.4	97.5	98.9	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2540

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.4	56.4	62.1	64.8	66.1	66.4	66.8	66.8	66.9	67.1	67.2	67.2	67.3	67.3	67.4	67.4
IV 20000	15.1	63.0	68.9	71.9	73.3	73.6	73.9	74.0	74.1	74.3	74.4	74.4	74.6	74.6	74.7	74.7
IV 18000	15.3	63.6	69.6	72.5	74.0	74.3	74.7	74.7	74.8	75.0	75.2	75.2	75.3	75.3	75.4	75.4
IV 16000	15.4	64.0	70.0	73.0	74.6	74.9	75.2	75.3	75.4	75.6	75.7	75.7	75.9	75.9	76.0	76.0
IV 14000	15.9	65.6	71.8	74.9	76.5	76.8	77.1	77.2	77.2	77.5	77.6	77.6	77.8	77.8	77.8	77.9
IV 12000	16.3	67.9	74.3	77.6	79.2	79.6	80.0	80.0	80.1	80.4	80.5	80.5	80.7	80.7	80.8	80.9
IV 10000	16.8	71.1	77.8	81.1	82.9	83.3	83.6	83.7	83.7	84.0	84.1	84.1	84.3	84.3	84.4	84.5
IV 9000	16.9	71.5	78.1	81.5	83.3	83.7	84.1	84.1	84.2	84.5	84.6	84.6	84.8	84.8	84.9	84.9
IV 8000	17.1	73.2	80.1	83.6	85.4	85.8	86.2	86.2	86.3	86.6	86.7	86.7	86.9	86.9	87.0	87.0
IV 7000	17.2	74.1	81.1	84.7	86.5	86.9	87.3	87.3	87.4	87.7	87.8	87.8	88.0	88.0	88.1	88.1
IV 6000	17.2	74.9	82.0	85.5	87.4	87.8	88.3	88.4	88.4	88.7	88.8	88.8	89.0	89.0	89.1	89.2
IV 5000	17.3	75.7	82.9	86.6	88.6	89.0	89.5	89.5	89.6	89.9	90.0	90.0	90.2	90.2	90.3	90.3
IV 4500	17.3	75.8	83.1	86.9	88.8	89.3	89.8	89.8	89.9	90.2	90.3	90.3	90.5	90.5	90.6	90.6
IV 4000	17.5	76.6	83.9	87.6	89.6	90.0	90.5	90.6	90.6	90.9	91.0	91.0	91.2	91.2	91.3	91.4
IV 3500	17.6	76.8	84.1	87.9	89.9	90.4	90.8	90.9	91.0	91.2	91.4	91.4	91.6	91.6	91.6	91.7
IV 3000	17.7	77.6	85.0	88.9	91.0	91.5	92.0	92.1	92.1	92.4	92.5	92.5	92.7	92.7	92.8	92.9
IV 2500	17.7	78.0	85.5	89.5	91.8	92.3	92.8	92.8	92.9	93.2	93.3	93.3	93.5	93.5	93.6	93.6
IV 2000	17.9	78.7	86.5	90.5	92.9	93.4	93.9	93.9	94.0	94.3	94.4	94.4	94.6	94.6	94.7	94.7
IV 1800	17.9	79.0	86.8	90.8	93.3	93.8	94.3	94.3	94.4	94.7	94.8	94.8	95.0	95.0	95.1	95.1
IV 1500	18.0	79.6	87.4	91.5	94.1	94.5	95.0	95.1	95.1	95.4	95.5	95.5	95.7	95.7	95.8	95.9
IV 1200	18.0	79.9	88.0	92.1	94.7	95.2	95.7	95.8	95.9	96.2	96.3	96.3	96.5	96.5	96.6	96.7
IV 1000	18.0	80.4	88.5	92.8	95.4	95.9	96.4	96.6	96.7	97.0	97.1	97.1	97.3	97.3	97.4	97.5
IV 900	18.1	80.5	88.6	92.9	95.5	96.0	96.7	96.8	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.7
IV 800	18.1	80.7	88.8	93.2	95.9	96.4	97.1	97.3	97.4	97.7	97.8	97.8	98.0	98.0	98.1	98.2
IV 700	18.1	80.9	89.4	93.8	96.5	97.0	97.8	98.0	98.0	98.4	98.5	98.5	98.7	98.7	98.8	98.9
IV 600	18.1	80.9	89.4	93.9	96.6	97.1	97.9	98.1	98.2	98.5	98.6	98.6	98.8	98.8	98.9	99.0
IV 500	18.1	80.9	89.5	94.0	96.8	97.3	98.1	98.3	98.4	98.8	98.9	98.9	99.1	99.1	99.2	99.2
IV 400	18.1	81.0	89.6	94.2	97.1	97.6	98.4	98.6	98.6	99.0	99.1	99.1	99.4	99.4	99.5	99.6
IV 300	18.1	81.0	89.6	94.2	97.1	97.6	98.4	98.6	98.7	99.1	99.2	99.2	99.4	99.5	99.6	99.6
IV 200	18.1	81.0	89.7	94.2	97.3	97.8	98.6	98.8	98.9	99.3	99.5	99.5	99.7	99.8	99.8	99.9
IV 100	18.1	81.0	89.7	94.2	97.3	97.8	98.6	98.8	98.9	99.3	99.5	99.5	99.8	99.8	99.9	100.0
IV 0	18.1	81.0	89.7	94.2	97.3	97.8	98.6	98.8	98.9	99.3	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2491

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 5/16	≥ 0
NO CEILING	7.9	48.7	55.2	59.8	62.4	62.9	64.2	64.7	64.7	65.9	66.2	66.3	66.6	66.8	67.3	67.4
≥ 20000	8.9	54.0	61.3	66.2	69.1	69.6	70.8	71.4	71.4	72.6	73.0	73.1	73.4	73.7	74.1	74.2
IV 18000	9.0	54.3	61.7	66.6	69.4	69.9	71.2	71.7	71.7	73.0	73.3	73.4	73.8	74.0	74.5	74.6
IV 16000	9.0	54.6	62.1	67.1	69.9	70.4	71.7	72.2	72.2	73.5	73.8	73.9	74.3	74.5	74.9	75.1
IV 14000	9.4	56.1	63.7	69.0	71.8	72.3	73.6	74.1	74.1	75.4	75.7	75.8	76.2	76.4	76.9	77.0
IV 12000	9.7	58.0	65.9	71.4	74.2	74.7	76.0	76.6	76.6	77.8	78.2	78.3	78.7	78.9	79.4	79.5
IV 10000	9.9	60.3	68.6	74.2	77.1	77.6	78.9	79.4	79.4	80.7	81.0	81.1	81.5	81.8	82.3	82.4
IV 9000	9.9	60.7	69.1	74.7	77.6	78.1	79.4	79.9	79.9	81.2	81.5	81.6	82.1	82.3	82.8	82.9
IV 8000	10.0	62.2	70.7	76.4	79.4	80.0	81.3	81.8	81.8	83.1	83.4	83.5	83.9	84.2	84.7	84.8
IV 7000	10.0	63.0	71.7	77.5	80.5	81.1	82.4	83.0	83.0	84.2	84.6	84.7	85.1	85.4	85.9	86.0
IV 6000	10.1	63.5	72.4	78.2	81.3	82.0	83.3	83.9	83.9	85.1	85.5	85.6	86.1	86.3	86.8	86.9
IV 5000	10.3	64.5	73.6	79.5	82.6	83.3	84.7	85.2	85.2	86.5	86.9	86.9	87.4	87.6	88.1	88.2
IV 4500	10.3	64.6	73.7	79.6	82.7	83.4	84.8	85.3	85.3	86.6	87.0	87.1	87.5	87.7	88.2	88.3
IV 4000	10.4	65.7	74.8	80.8	83.9	84.7	86.1	86.6	86.6	87.8	88.2	88.3	88.8	89.0	89.5	89.6
IV 3500	10.5	66.1	75.3	81.4	84.6	85.3	86.7	87.3	87.3	88.5	88.9	89.0	89.4	89.7	90.1	90.2
IV 3000	10.6	66.7	76.0	82.2	85.4	86.1	87.5	88.1	88.1	89.3	89.7	89.8	90.2	90.5	91.0	91.1
IV 2500	10.6	67.0	76.5	82.8	86.0	86.7	88.1	88.7	88.7	89.9	90.3	90.4	90.8	91.1	91.6	91.7
IV 2000	10.6	67.6	77.3	83.8	87.1	87.8	89.3	89.9	89.9	91.2	91.6	91.6	92.1	92.3	92.8	92.9
IV 1800	10.6	67.9	77.6	84.2	87.6	88.3	89.8	90.4	90.4	91.6	92.0	92.1	92.5	92.8	93.2	93.4
IV 1500	10.8	68.6	78.4	85.3	88.8	89.6	91.1	91.7	91.7	92.9	93.3	93.4	93.8	94.1	94.6	94.7
IV 1200	10.8	69.0	78.8	85.9	89.5	90.2	91.8	92.5	92.5	93.8	94.2	94.2	94.7	94.9	95.4	95.5
IV 1000	10.9	69.3	79.3	86.5	90.2	90.9	92.5	93.2	93.2	94.5	94.9	95.0	95.4	95.7	96.2	96.3
IV 900	11.0	69.5	79.4	86.6	90.3	91.0	92.7	93.4	93.4	94.7	95.1	95.2	95.6	95.8	96.3	96.4
IV 800	11.0	69.5	79.5	86.7	90.4	91.1	92.8	93.4	93.4	94.8	95.2	95.3	95.7	96.0	96.4	96.6
IV 700	11.0	69.7	79.8	87.1	90.8	91.5	93.2	93.8	93.8	95.2	95.6	95.7	96.1	96.4	96.8	97.0
IV 600	11.0	69.8	80.1	87.4	91.2	92.0	93.6	94.4	94.4	95.8	96.2	96.3	96.7	97.0	97.4	97.6
IV 500	11.1	69.9	80.3	87.6	91.5	92.3	94.0	94.7	94.7	96.1	96.5	96.6	97.1	97.3	97.8	97.9
IV 400	11.1	70.0	80.6	87.9	91.8	92.7	94.5	95.2	95.2	96.7	97.1	97.2	97.7	97.9	98.4	98.5
IV 300	11.1	70.0	80.6	88.0	92.0	93.0	94.8	95.6	95.6	97.2	97.6	97.6	98.2	98.5	99.0	99.1
IV 200	11.1	70.1	80.6	88.0	92.1	93.1	95.0	95.8	95.8	97.5	97.9	98.0	98.6	98.9	99.5	99.6
IV 100	11.1	70.1	80.6	88.0	92.1	93.1	95.0	95.8	95.8	97.6	98.1	98.2	98.8	99.1	99.7	99.8
IV 0	11.1	70.1	80.6	88.0	92.1	93.1	95.0	95.8	95.8	97.6	98.1	98.2	98.8	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2502

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.0	45.0	50.3	52.5	54.5	55.1	56.2	56.8	56.9	57.3	57.5	57.6	57.9	57.9	58.2	58.3
IV 20000	18.4	52.7	59.1	61.6	64.0	64.6	65.8	66.6	66.7	67.2	67.5	67.7	68.0	68.1	68.4	68.5
IV 18000	18.4	52.8	59.2	61.7	64.1	64.7	66.0	66.7	66.8	67.3	67.7	67.8	68.1	68.2	68.5	68.6
IV 16000	18.5	53.4	59.7	62.3	64.6	65.3	66.5	67.3	67.4	67.9	68.3	68.4	68.7	68.8	69.1	69.2
IV 14000	18.9	54.7	61.3	64.0	66.4	67.1	68.3	69.2	69.3	69.8	70.1	70.2	70.6	70.6	71.0	71.1
IV 12000	19.6	57.9	64.6	67.4	69.9	70.6	71.9	72.8	72.8	73.4	73.8	73.9	74.2	74.3	74.6	74.7
IV 10000	20.6	61.1	68.2	71.2	73.8	74.4	75.8	76.7	76.7	77.3	77.7	77.8	78.1	78.2	78.5	78.7
IV 9000	20.8	61.5	68.6	71.6	74.2	74.8	76.3	77.1	77.2	77.8	78.1	78.2	78.5	78.6	79.0	79.1
IV 8000	21.3	63.3	70.6	73.6	76.3	77.0	78.4	79.3	79.3	80.0	80.3	80.4	80.7	80.8	81.2	81.3
IV 7000	21.4	63.9	71.5	74.7	77.5	78.2	79.7	80.6	80.6	81.2	81.6	81.7	82.0	82.1	82.5	82.6
IV 6000	21.5	64.5	72.2	75.4	78.3	78.9	80.4	81.3	81.4	82.0	82.4	82.5	82.8	82.9	83.3	83.4
IV 5000	21.6	65.4	73.2	76.4	79.3	80.0	81.4	82.4	82.5	83.1	83.4	83.5	83.9	84.0	84.4	84.5
IV 4500	21.6	65.6	73.4	76.6	79.4	80.1	81.6	82.5	82.6	83.2	83.6	83.7	84.0	84.1	84.5	84.7
IV 4000	22.0	66.7	74.6	77.8	80.7	81.4	82.9	83.8	83.9	84.5	84.9	85.0	85.3	85.4	85.9	86.0
IV 3500	22.1	67.2	75.1	78.5	81.4	82.1	83.6	84.6	84.7	85.3	85.6	85.7	86.1	86.2	86.6	86.7
IV 3000	22.5	67.9	75.9	79.5	82.5	83.2	84.8	85.7	85.9	86.5	86.9	87.0	87.3	87.4	87.9	88.0
IV 2500	22.7	68.4	76.4	80.0	83.2	83.9	85.5	86.4	86.5	87.2	87.5	87.7	88.0	88.1	88.5	88.7
IV 2000	22.8	69.1	77.3	81.0	84.1	84.9	86.5	87.5	87.6	88.3	88.6	88.8	89.1	89.2	89.6	89.8
IV 1800	22.9	69.4	77.6	81.3	84.5	85.2	86.8	87.9	88.0	88.6	89.0	89.1	89.5	89.6	90.0	90.1
IV 1500	23.2	70.1	78.5	82.3	85.5	86.2	87.8	88.9	89.0	89.7	90.0	90.2	90.6	90.6	91.1	91.2
IV 1200	23.3	70.7	79.1	83.0	86.3	87.1	88.8	89.8	89.9	90.6	91.0	91.1	91.5	91.6	92.0	92.1
IV 1000	23.7	71.6	80.2	84.3	87.7	88.5	90.2	91.3	91.4	92.2	92.5	92.6	93.0	93.1	93.6	93.7
IV 900	23.7	71.8	80.5	84.7	88.2	89.0	90.7	91.8	91.9	92.6	93.0	93.1	93.5	93.6	94.1	94.2
IV 800	23.7	72.2	81.0	85.2	88.9	89.6	91.4	92.4	92.5	93.3	93.7	93.9	94.3	94.3	94.8	94.9
IV 700	23.7	72.5	81.3	85.5	89.3	90.1	91.8	92.9	93.0	93.8	94.2	94.3	94.7	94.8	95.3	95.4
IV 600	23.8	72.9	81.8	86.1	90.2	91.0	92.9	94.0	94.1	94.9	95.3	95.5	95.9	95.9	96.4	96.5
IV 500	23.9	73.1	82.2	86.6	90.9	91.7	93.7	94.7	94.8	95.7	96.1	96.2	96.7	96.7	97.2	97.3
IV 400	23.9	73.3	82.4	86.8	91.2	92.1	94.1	95.4	95.5	96.4	96.9	97.0	97.4	97.5	98.0	98.1
IV 300	23.9	73.3	82.4	86.9	91.4	92.3	94.5	95.9	96.0	96.9	97.5	97.6	98.2	98.3	98.8	98.9
IV 200	23.9	73.3	82.4	86.9	91.5	92.4	94.6	96.0	96.1	97.1	97.6	97.8	98.4	98.6	99.1	99.2
IV 100	23.9	73.3	82.4	86.9	91.5	92.4	94.7	96.1	96.2	97.2	97.7	97.9	98.6	98.8	99.5	99.8
IV 0	23.9	73.3	82.4	86.9	91.5	92.4	94.7	96.1	96.2	97.2	97.8	98.0	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2489

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.8	53.3	54.7	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	32.1	61.9	63.6	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 18000	32.3	62.2	63.9	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	32.3	62.4	64.1	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 14000	33.8	64.4	66.2	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 12000	35.9	68.5	70.3	71.2	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	37.5	72.8	74.7	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 9000	37.9	73.3	75.4	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	38.2	75.3	77.4	78.6	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000	38.5	76.4	78.6	79.9	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 6000	38.8	77.2	79.6	80.8	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	38.9	77.8	80.3	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4500	39.2	78.2	80.7	82.0	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4000	39.7	79.2	81.7	83.1	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3500	39.9	79.9	82.4	83.8	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3000	40.6	81.0	83.6	85.0	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 2500	41.5	82.5	85.1	86.5	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	42.7	84.8	87.1	88.8	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800	43.0	85.5	88.2	89.6	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	43.7	87.3	90.1	91.7	92.4	92.6	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1200	44.3	88.7	91.6	93.4	94.3	94.5	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	44.5	89.8	92.9	94.8	95.7	95.9	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	44.5	89.8	93.0	95.0	95.9	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	44.5	90.2	93.5	95.6	96.7	96.9	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	44.6	90.6	93.9	96.0	97.2	97.4	97.6	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	44.6	91.1	94.6	96.7	98.1	98.3	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	44.7	91.1	94.6	96.8	98.4	98.6	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6
IV 400	44.7	91.2	94.7	96.9	98.7	98.9	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	44.7	91.2	94.7	96.9	98.7	98.9	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	44.7	91.2	94.7	96.9	98.7	98.9	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	44.7	91.2	94.7	96.9	98.7	98.9	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	44.7	91.2	94.7	96.9	98.7	98.9	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STAT ON

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	30.2	51.8	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 20000	36.1	62.9	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 18000	36.4	63.3	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 16000	36.6	63.6	65.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	37.7	66.3	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 12000	39.7	70.2	72.2	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 10000	41.5	74.2	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 9000	42.1	75.2	77.2	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 8000	42.8	77.5	79.7	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 7000	42.9	78.3	80.6	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	43.4	79.0	81.4	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 5000	43.6	79.7	82.1	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	43.7	80.0	82.4	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000	44.3	81.4	83.8	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	44.9	82.4	84.9	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	45.7	84.0	86.6	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2500	47.0	86.4	89.0	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	48.2	89.2	92.0	93.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1800	48.3	89.7	92.6	93.6	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1600	48.8	91.2	94.2	95.2	95.5	95.6	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV 1400	48.9	92.0	95.0	96.3	96.6	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
IV 1200	49.0	92.6	95.8	97.1	97.4	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 1000	49.0	92.8	96.0	97.3	97.7	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	49.0	93.0	96.2	97.5	98.0	98.1	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
IV 800	49.0	93.2	96.4	97.8	98.2	98.4	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 700	49.0	93.3	96.5	97.9	98.4	98.5	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5
IV 600	49.0	93.3	96.6	98.0	98.6	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 500	49.0	93.4	96.7	98.1	98.7	98.8	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 400	49.0	93.4	96.7	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	49.0	93.4	96.7	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	49.0	93.4	96.7	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	49.0	93.4	96.7	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	49.0	93.4	96.7	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2489

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	28.7	49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	35.4	62.8	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 18000	36.1	63.7	66.0	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	36.2	64.3	66.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 14000	37.5	66.9	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	39.4	71.1	73.5	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 10000	40.9	75.1	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000	41.4	76.1	78.7	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 8000	42.7	78.9	81.5	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 7000	43.3	80.2	82.8	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 6000	43.6	80.8	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 5000	43.8	81.7	84.4	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500	43.9	81.9	84.6	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4000	44.3	83.1	85.8	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500	44.9	84.1	86.8	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	45.6	85.6	88.3	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	46.8	87.8	90.7	91.5	92.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	47.7	89.8	92.8	93.7	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	47.8	90.0	93.1	94.0	94.6	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	48.0	90.8	94.1	95.0	95.9	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	48.2	91.8	95.1	96.0	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 1000	48.2	92.1	95.4	96.4	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	48.3	92.2	95.6	96.6	97.6	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 800	48.4	92.4	95.7	96.7	98.0	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 700	48.4	92.5	96.0	97.0	98.3	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV 600	48.4	92.6	96.0	97.2	98.5	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV 500	48.4	92.6	96.1	97.3	98.6	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 400	48.4	92.6	96.1	97.3	98.7	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	48.4	92.6	96.1	97.3	98.7	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	48.4	92.6	96.1	97.3	98.7	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
IV 100	48.4	92.6	96.1	97.3	98.7	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	48.4	92.6	96.1	97.3	98.7	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2502

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	48.7	50.7	51.9	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 20000	31.6	62.7	65.3	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000	31.7	63.2	65.7	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	31.8	63.7	66.2	67.6	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	32.9	66.3	68.9	70.3	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
IV 12000	34.2	69.7	72.5	74.0	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 10000	35.9	74.3	77.4	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 9000	36.3	75.2	78.5	80.1	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	37.2	77.8	81.4	82.9	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
IV 7000	37.6	79.2	83.0	84.7	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 6000	38.0	80.4	84.2	86.0	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 5000	38.1	81.0	85.0	86.8	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	38.2	81.3	85.3	87.1	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	38.6	82.5	86.6	88.5	89.1	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	38.9	83.4	87.4	89.4	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	39.3	84.5	88.6	90.6	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500	39.5	84.9	89.2	91.4	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5
IV 2000	39.9	86.3	90.9	93.1	93.8	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5
IV 1800	40.0	86.6	91.2	93.5	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8
IV 1500	40.3	87.3	92.0	94.4	95.2	95.5	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	40.4	88.0	93.1	95.6	96.5	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
IV 1000	40.6	88.5	93.7	96.3	97.3	97.6	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	40.7	88.6	93.8	96.5	97.5	97.8	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
IV 800	40.7	88.7	93.9	96.6	97.6	97.9	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	40.7	88.7	93.9	96.7	97.8	98.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2
IV 600	40.7	88.8	94.0	96.8	97.9	98.2	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 500	40.7	88.8	94.0	96.8	98.0	98.3	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	40.7	88.8	94.0	96.8	98.1	98.4	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	40.7	88.8	94.0	96.8	98.1	98.4	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	40.7	88.8	94.0	96.8	98.1	98.4	99.2	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	40.7	88.8	94.0	96.8	98.1	98.4	99.2	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	40.7	88.8	94.0	96.8	98.1	98.4	99.2	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2495

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.3	59.3	63.1	65.2	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	23.2	66.9	70.9	73.3	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
IV 18000	23.3	67.4	71.4	73.8	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 16000	23.4	68.0	72.0	74.4	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 14000	24.2	70.1	74.1	76.5	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 12000	25.0	73.3	77.4	79.9	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 10000	25.6	76.1	80.4	83.0	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
IV 9000	25.7	76.6	80.9	83.5	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	26.0	78.5	83.0	85.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9
IV 7000	26.1	79.5	84.1	86.8	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 6000	26.2	80.3	85.0	87.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
IV 5000	26.2	80.8	85.6	88.4	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
IV 4500	26.2	81.0	85.8	88.7	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1
IV 4000	26.3	81.9	86.8	89.7	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
IV 3500	26.4	82.4	87.3	90.2	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
IV 3000	26.6	83.2	88.4	91.4	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
IV 2500	26.7	83.7	88.9	92.0	93.1	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7
IV 2000	27.0	84.6	89.9	93.1	94.3	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1
IV 1800	27.1	84.9	90.2	93.5	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
IV 1500	27.3	85.6	91.1	94.5	95.9	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1200	27.3	86.4	92.0	95.6	96.9	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 1000	27.3	86.5	92.3	95.9	97.5	97.8	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	27.4	86.6	92.4	96.1	97.6	97.9	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	27.4	86.6	92.4	96.2	97.8	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	27.4	86.8	92.7	96.4	98.0	98.3	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
IV 600	27.4	86.8	92.9	96.6	98.3	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 500	27.4	86.8	93.0	96.8	98.5	98.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	27.4	86.8	93.0	96.9	98.6	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 300	27.4	86.8	93.0	96.9	98.6	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 200	27.4	86.8	93.1	97.0	98.7	98.9	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	27.4	86.8	93.1	97.0	98.7	98.9	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	27.4	86.8	93.1	97.0	98.7	98.9	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2507

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-71
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ 5/16	≥ .1	≥ 0
NO CEILING	10.5	54.3	60.5	62.8	64.6	64.8	65.4	65.5	65.5	66.1	66.2	66.3	66.7	66.7	66.8	66.8
W 20000	11.3	58.9	65.6	68.0	69.9	70.2	70.8	70.8	70.8	71.4	71.5	71.6	72.0	72.0	72.1	72.2
W 18000	11.3	58.9	65.6	68.0	69.9	70.2	70.8	70.9	70.9	71.5	71.5	71.6	72.0	72.0	72.2	72.2
W 16000	11.3	59.0	65.7	68.2	70.1	70.4	71.0	71.0	71.0	71.6	71.7	71.8	72.2	72.2	72.3	72.4
W 14000	11.6	60.7	67.5	70.0	71.9	72.2	72.8	72.9	72.9	73.5	73.6	73.6	74.1	74.1	74.2	74.2
W 12000	12.1	62.3	69.6	72.2	74.1	74.4	75.0	75.1	75.1	75.7	75.8	75.9	76.3	76.3	76.4	76.5
W 10000	12.5	65.1	72.7	75.5	77.5	77.8	78.4	78.5	78.5	79.1	79.2	79.3	79.7	79.7	79.8	79.9
W 9000	12.6	65.8	73.4	76.2	78.3	78.6	79.2	79.3	79.3	79.9	80.0	80.0	80.5	80.5	80.6	80.7
W 8000	12.8	67.2	74.8	77.6	79.7	80.0	80.6	80.8	80.8	81.4	81.5	81.6	82.0	82.0	82.2	82.2
W 7000	13.1	68.2	75.9	78.8	80.9	81.2	81.9	82.0	82.0	82.7	82.7	82.8	83.3	83.3	83.4	83.4
W 6000	13.2	68.6	76.5	79.4	81.6	81.9	82.5	82.7	82.7	83.4	83.4	83.5	84.0	84.0	84.1	84.1
W 5000	13.2	69.4	77.4	80.4	82.6	82.9	83.6	83.7	83.7	84.4	84.5	84.6	85.0	85.0	85.1	85.2
W 4500	13.3	69.6	77.7	80.8	82.9	83.3	83.9	84.0	84.1	84.7	84.8	84.9	85.3	85.3	85.5	85.5
W 4000	13.3	70.1	78.4	81.5	83.4	84.2	84.8	85.0	85.0	85.7	85.7	85.8	86.3	86.3	86.4	86.5
W 3500	13.5	71.0	79.4	82.6	84.9	85.3	85.9	86.0	86.1	86.7	86.8	86.9	87.4	87.4	87.5	87.5
W 3000	13.7	72.0	80.4	83.6	86.1	86.5	87.1	87.2	87.3	87.9	88.0	88.1	88.6	88.6	88.7	88.7
W 2500	13.8	73.2	81.8	85.0	87.5	87.9	88.5	88.6	88.7	89.3	89.4	89.5	90.0	90.0	90.1	90.1
W 2000	13.8	74.9	83.8	87.3	89.8	90.2	90.9	91.0	91.1	91.7	91.8	91.9	92.4	92.4	92.5	92.5
W 1800	13.8	75.4	84.3	87.9	90.5	90.8	91.5	91.7	91.7	92.4	92.5	92.6	93.0	93.0	93.1	93.2
W 1500	13.8	76.1	85.3	89.0	91.6	92.0	92.7	92.8	92.9	93.6	93.6	93.7	94.2	94.2	94.3	94.3
W 1200	13.8	77.0	86.3	90.0	92.7	93.1	93.8	93.9	93.9	94.6	94.8	94.8	95.3	95.3	95.4	95.5
W 1000	13.8	77.2	86.7	90.7	93.6	93.9	94.7	94.8	94.9	95.6	95.7	95.8	96.2	96.2	96.4	96.4
W 900	13.8	77.4	86.9	90.9	93.8	94.2	94.9	95.1	95.1	95.8	96.0	96.0	96.5	96.5	96.6	96.7
W 800	13.9	77.7	87.2	91.2	94.3	94.6	95.5	95.6	95.7	96.4	96.5	96.6	97.1	97.1	97.2	97.2
W 700	13.9	77.8	87.4	91.5	94.5	94.9	95.8	96.0	96.0	96.8	96.9	97.0	97.4	97.4	97.6	97.6
W 600	13.9	78.1	87.7	91.9	95.0	95.4	96.3	96.6	96.6	97.4	97.5	97.6	98.0	98.0	98.1	98.2
W 500	13.9	78.1	87.9	92.2	95.5	95.9	96.9	97.2	97.2	98.0	98.1	98.2	98.7	98.7	98.8	98.8
W 400	13.9	78.2	88.1	92.3	95.7	96.1	97.2	97.5	97.5	98.3	98.4	98.5	99.0	99.0	99.1	99.1
W 300	13.9	78.2	88.1	92.4	95.8	96.2	97.3	97.6	97.6	98.4	98.5	98.6	99.0	99.0	99.2	99.2
W 200	13.9	78.3	88.2	92.5	96.0	96.4	97.6	97.9	97.9	98.7	98.8	98.9	99.3	99.3	99.5	99.5
W 100	13.9	78.3	88.2	92.5	96.0	96.4	97.6	97.9	97.9	98.7	98.8	98.9	99.4	99.4	99.7	99.8
W 0	13.9	78.3	88.2	92.5	96.0	96.4	97.6	97.9	97.9	98.7	98.8	98.9	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2421

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46, 49-72

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.9	46.5	53.8	58.2	60.9	61.2	63.0	63.6	63.9	64.9	65.4	65.5	66.0	66.2	67.1	67.7
IV 20000	7.5	49.3	56.8	61.5	64.3	64.6	66.4	67.1	67.4	68.3	68.9	69.0	69.5	69.7	70.7	71.4
IV 18000	7.5	49.3	56.8	61.5	64.3	64.6	66.4	67.1	67.4	68.3	68.9	69.0	69.5	69.7	70.7	71.4
IV 16000	7.5	49.3	56.9	61.6	64.4	64.7	66.6	67.2	67.5	68.5	69.0	69.1	69.7	69.8	70.9	71.5
IV 14000	7.6	50.2	57.9	62.5	65.4	65.7	67.6	68.2	68.5	69.5	70.0	70.1	70.7	70.8	71.8	72.5
IV 12000	7.8	51.9	60.0	64.9	67.8	68.1	70.0	70.7	70.9	71.9	72.5	72.5	73.1	73.2	74.3	74.9
IV 10000	8.0	54.2	62.7	67.8	70.9	71.2	73.1	73.8	74.1	75.1	75.7	75.8	76.4	76.6	77.6	78.3
IV 9000	8.0	55.1	63.5	68.6	71.8	72.1	74.0	74.6	74.9	76.0	76.6	76.7	77.3	77.5	78.5	79.1
IV 8000	8.4	56.6	65.1	70.4	73.7	73.9	75.8	76.5	76.8	77.9	78.5	78.6	79.2	79.3	80.4	81.0
IV 7000	8.7	57.5	66.2	71.5	74.8	75.1	77.0	77.6	77.9	79.0	79.6	79.7	80.3	80.5	81.5	82.2
IV 6000	8.8	58.1	66.8	72.2	75.4	75.7	77.6	78.3	78.6	79.7	80.3	80.3	81.0	81.1	82.2	82.8
IV 5000	8.9	58.7	67.5	73.0	76.2	76.5	78.4	79.1	79.4	80.5	81.1	81.2	81.8	82.0	83.0	83.7
IV 4500	8.9	58.8	67.6	73.1	76.3	76.6	78.6	79.2	79.6	80.6	81.2	81.3	81.9	82.1	83.1	83.8
IV 4000	9.0	59.3	68.3	73.7	77.1	77.4	79.3	80.0	80.3	81.4	82.0	82.1	82.7	82.9	83.9	84.6
IV 3500	9.1	59.6	68.7	74.2	77.6	77.9	79.8	80.5	80.8	81.9	82.5	82.6	83.3	83.4	84.5	85.1
IV 3000	9.2	60.8	70.1	75.8	79.2	79.5	81.5	82.2	82.5	83.6	84.2	84.3	85.0	85.1	86.2	86.8
IV 2500	9.2	61.5	70.8	76.6	80.3	80.6	82.7	83.3	83.7	84.8	85.4	85.5	86.2	86.4	87.4	88.0
IV 2000	9.2	62.3	71.8	77.9	81.7	81.9	84.1	84.8	85.1	86.3	86.9	87.0	87.6	87.8	88.8	89.5
IV 1800	9.2	62.5	72.0	78.2	82.0	82.3	84.5	85.2	85.5	86.6	87.3	87.3	88.0	88.2	89.2	89.9
IV 1500	9.2	63.1	72.8	79.1	82.9	83.2	85.4	86.1	86.4	87.6	88.2	88.3	88.9	89.1	90.1	90.8
IV 1200	9.2	64.0	73.7	80.2	84.2	84.5	86.8	87.5	87.8	89.0	89.7	89.7	90.4	90.6	91.6	92.3
IV 1000	9.2	64.4	74.3	80.8	85.0	85.4	87.7	88.4	88.7	89.9	90.6	90.6	91.3	91.5	92.5	93.2
IV 900	9.2	64.6	74.5	81.0	85.3	85.7	88.0	88.7	89.0	90.2	90.8	90.9	91.6	91.8	92.8	93.4
IV 800	9.2	64.9	74.9	81.4	85.8	86.2	88.5	89.2	89.6	90.8	91.4	91.5	92.2	92.3	93.4	94.0
IV 700	9.2	65.3	75.4	81.9	86.4	86.7	89.1	89.8	90.1	91.3	92.0	92.1	92.7	92.9	93.9	94.6
IV 600	9.2	65.7	76.0	82.6	87.1	87.5	89.9	90.7	91.0	92.3	92.9	93.0	93.7	93.8	94.8	95.5
IV 500	9.2	66.0	76.6	83.3	88.1	88.4	91.1	92.0	92.3	93.6	94.2	94.3	95.0	95.1	96.2	96.8
IV 400	9.2	66.1	76.8	83.6	88.4	88.8	91.7	92.6	92.9	94.3	94.9	95.0	95.7	95.8	96.9	97.5
IV 300	9.2	66.2	77.0	83.7	88.6	89.0	92.0	92.9	93.2	94.7	95.4	95.5	96.1	96.3	97.3	98.0
IV 200	9.2	66.2	77.0	83.8	88.8	89.3	92.4	93.4	93.7	95.3	96.0	96.1	96.8	96.9	98.1	98.8
IV 100	9.2	66.2	77.0	83.8	88.8	89.3	92.4	93.4	93.8	95.4	96.2	96.2	97.0	97.2	98.6	99.7
IV 0	9.2	66.2	77.0	83.8	88.8	89.3	92.4	93.4	93.8	95.4	96.2	96.2	97.0	97.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	12.9	29.9	44.8	47.7	50.5	50.9	52.3	53.0	53.4	53.8	54.1	54.2	54.7	54.8	55.4	55.8
≥ 20000	14.8	45.7	51.0	54.3	57.3	57.8	59.2	60.0	60.5	61.0	61.3	61.4	62.0	62.0	62.9	63.3
IV 18000	14.9	46.0	51.2	54.6	57.6	58.1	59.5	60.3	60.8	61.3	61.7	61.7	62.3	62.3	63.2	63.6
IV 16000	14.9	46.2	51.6	55.0	58.0	58.5	59.9	60.7	61.2	61.7	62.1	62.1	62.7	62.7	63.6	64.0
IV 14000	15.1	47.1	52.6	56.2	59.2	59.7	61.2	61.9	62.4	63.0	63.3	63.4	63.9	64.0	64.9	65.3
IV 12000	15.5	49.6	55.4	59.1	62.3	62.8	64.3	65.1	65.5	66.1	66.4	66.5	67.1	67.1	68.0	68.4
IV 10000	16.0	53.0	59.0	62.9	66.3	66.9	68.4	69.2	69.6	70.2	70.6	70.6	71.2	71.3	72.2	72.6
IV 9000	16.0	53.6	59.8	63.7	67.3	67.8	69.3	70.1	70.6	71.1	71.5	71.6	72.2	72.2	73.1	73.5
IV 8000	16.5	55.1	61.5	65.4	69.0	69.5	71.1	71.9	72.4	72.9	73.3	73.4	74.0	74.0	74.9	75.3
IV 7000	16.7	56.2	62.7	66.6	70.2	70.8	72.4	73.2	73.7	74.3	74.6	74.7	75.3	75.4	76.3	76.7
IV 6000	17.0	57.0	63.6	67.6	71.2	71.8	73.4	74.2	74.7	75.2	75.6	75.7	76.3	76.3	77.2	77.6
IV 5000	17.3	58.2	64.9	69.0	72.7	73.2	74.9	75.7	76.2	76.8	77.1	77.2	77.8	77.8	78.8	79.2
IV 4500	17.4	58.4	65.1	69.2	72.9	73.4	75.1	75.9	76.4	77.0	77.3	77.4	78.0	78.0	79.0	79.4
IV 4000	17.7	59.3	66.1	70.2	74.1	74.6	76.4	77.2	77.7	78.3	78.6	78.7	79.3	79.4	80.3	80.7
IV 3500	17.8	59.6	66.4	70.5	74.2	74.9	76.6	77.4	77.9	78.5	78.9	79.0	79.6	79.6	80.6	81.0
IV 3000	18.1	60.4	67.3	71.4	75.3	75.8	77.6	78.4	78.9	79.5	79.9	80.0	80.6	80.6	81.5	82.0
IV 2500	18.3	61.0	68.1	72.2	76.2	76.7	78.5	79.4	79.8	80.5	80.9	81.0	81.5	81.6	82.5	83.0
IV 2000	18.5	62.1	69.5	73.7	77.7	78.3	80.1	81.0	81.4	82.1	82.5	82.5	83.1	83.2	84.1	84.6
IV 1800	18.5	62.4	69.8	73.9	78.0	78.5	80.3	81.2	81.7	82.3	82.7	82.8	83.4	83.4	84.4	84.8
IV 1500	18.5	63.0	70.5	74.8	78.9	79.5	81.3	82.2	82.7	83.3	83.7	83.8	84.4	84.4	85.4	85.8
IV 1200	18.6	64.5	72.0	76.3	80.5	81.1	82.9	83.9	84.3	85.1	85.5	85.5	86.1	86.2	87.1	87.6
IV 1000	18.7	65.3	73.1	77.4	81.9	82.5	84.4	85.3	85.8	86.5	86.9	87.0	87.6	87.7	88.6	89.1
IV 900	18.8	65.7	73.6	78.0	82.5	83.1	85.0	85.9	86.4	87.2	87.6	87.7	88.3	88.3	89.3	89.7
IV 800	18.8	66.1	74.2	78.6	83.1	83.7	85.7	86.7	87.1	87.9	88.4	88.5	89.1	89.2	90.1	90.6
IV 700	19.0	66.7	74.9	79.3	84.0	84.6	86.7	87.7	88.2	89.0	89.5	89.5	90.2	90.3	91.2	91.7
IV 600	19.2	67.5	75.7	80.2	85.0	85.7	87.8	88.9	89.3	90.1	90.6	90.7	91.3	91.4	92.3	92.8
IV 500	19.3	68.3	76.8	81.7	86.6	87.3	89.7	90.9	91.4	92.2	92.7	92.8	93.5	93.5	94.4	94.9
IV 400	19.3	68.6	77.3	82.3	87.4	88.2	90.8	92.1	92.6	93.5	94.0	94.1	94.8	94.8	95.8	96.2
IV 300	19.3	63.7	77.5	82.7	87.9	88.7	91.5	93.0	93.6	94.6	95.4	95.5	96.4	96.5	97.4	98.0
IV 200	19.3	68.7	77.6	82.7	88.1	88.8	91.7	93.2	93.8	95.0	95.7	95.8	96.8	96.9	98.1	98.6
IV 100	19.3	68.7	77.6	82.7	88.1	88.9	91.7	93.3	93.9	95.1	95.9	96.0	97.3	97.4	98.7	99.4
IV 0	19.3	68.7	77.6	82.7	88.1	88.9	91.7	93.3	93.9	95.1	95.9	96.0	97.3	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2504

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 5/16	≥ 0
NO CEILING	25.6	51.0	52.7	53.5	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	29.8	58.7	60.6	61.6	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 18000	29.9	58.9	60.7	61.8	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 16000	30.0	59.2	61.2	62.2	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 14000	30.9	60.9	62.9	63.9	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 12000	32.4	64.5	66.5	67.6	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	33.5	67.4	69.7	70.8	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 8000	33.8	68.3	70.7	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	34.3	70.2	72.7	73.8	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 6000	34.5	71.0	73.5	74.7	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	34.9	71.9	74.4	75.6	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 4500	35.5	73.2	75.9	77.1	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	35.5	73.2	75.9	77.2	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	35.7	73.9	76.6	77.9	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 3000	36.0	74.6	77.4	78.6	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 2500	36.8	76.1	78.9	80.2	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 2000	37.5	77.7	80.8	82.0	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1800	38.6	80.0	83.4	84.7	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1500	38.8	80.9	84.3	85.6	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1200	39.4	82.8	86.3	87.7	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1000	40.5	85.4	89.0	90.6	91.4	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 900	40.7	86.8	90.7	92.5	93.4	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	40.9	87.3	91.3	93.1	94.1	94.2	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 700	41.0	88.0	92.0	93.8	94.9	95.1	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 600	41.3	88.8	93.0	94.9	96.1	96.3	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 500	41.3	89.3	93.5	95.4	96.7	96.9	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 400	41.4	89.6	93.9	96.0	97.5	97.6	98.2	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 300	41.5	89.7	94.0	96.2	97.8	98.0	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	41.5	89.7	94.0	96.2	97.8	98.1	98.7	99.2	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 100	41.5	89.7	94.0	96.2	97.8	98.1	98.7	99.2	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	41.5	89.7	94.0	96.2	97.8	98.1	98.7	99.2	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2504

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.2	51.0	52.1	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 20000	33.2	61.9	63.1	63.8	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 18000	33.3	62.2	63.5	64.1	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 16000	33.5	62.7	64.1	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 14000	34.7	64.6	66.0	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 12000	36.1	67.9	69.5	70.1	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 10000	37.5	71.6	73.1	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 9000	37.9	72.5	74.0	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 8000	38.5	74.2	75.8	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 7000	38.9	75.2	77.0	77.8	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	39.4	75.8	77.6	78.4	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000	39.9	76.6	78.4	79.2	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4500	40.3	76.9	78.9	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4000	40.8	78.2	80.2	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3500	41.1	78.9	80.9	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3000	42.3	81.3	83.3	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2500	43.5	83.3	85.3	86.4	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 2000	44.7	86.2	88.3	89.5	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1800	44.9	86.7	88.9	90.1	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1600	46.2	89.1	91.6	92.8	93.4	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
IV 1400	46.7	90.7	93.5	94.8	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1200	46.9	91.4	94.4	95.8	96.6	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	46.9	91.5	94.5	96.0	96.8	97.0	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	47.0	91.7	94.8	96.3	97.2	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	47.0	91.8	94.9	96.5	97.6	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	47.0	91.9	95.0	96.8	98.0	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	47.0	92.0	95.3	97.3	98.6	98.9	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	47.0	92.0	95.3	97.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	47.0	92.0	95.3	97.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	47.0	92.0	95.3	97.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	47.0	92.0	95.3	97.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	47.0	92.0	95.3	97.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	47.0	92.0	95.3	97.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2499

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS 'LST'

CEILING (FEET)	VISIBILITY (STATUTE MILES) *															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.6	51.8	52.6	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	34.6	64.7	65.9	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 18000	34.8	65.2	66.5	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	35.0	65.7	67.0	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	36.1	67.5	68.9	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	37.8	70.7	72.1	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	39.4	74.6	76.2	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5
IV 9000	39.9	75.4	77.0	77.6	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 8000	40.5	76.8	78.6	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0
IV 7000	41.0	78.1	79.9	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 6000	41.2	78.8	80.7	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
IV 5000	41.9	80.2	82.1	82.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4500	42.1	80.4	82.4	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
IV 4000	42.5	81.3	83.5	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500	43.3	82.6	84.8	85.9	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3000	43.6	84.4	86.6	87.8	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	44.0	85.6	87.8	89.1	89.9	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4
IV 2000	44.7	87.5	89.9	91.3	92.2	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7
IV 1800	44.8	87.8	90.3	91.7	92.6	92.6	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1
IV 1500	45.3	89.4	92.0	93.4	94.4	94.5	94.5	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
IV 1200	45.7	90.4	93.0	94.5	95.5	95.6	95.7	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
IV 1000	45.8	90.9	93.6	95.1	96.4	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	45.9	91.3	94.0	95.5	96.9	96.9	97.0	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
IV 800	45.9	91.7	94.5	96.1	97.6	97.6	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 700	45.9	91.8	94.8	96.5	97.9	98.0	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 600	45.9	91.9	95.0	96.8	98.4	98.5	98.7	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 500	45.9	91.9	95.1	96.9	98.7	98.8	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	45.9	91.9	95.1	97.0	98.8	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	45.9	91.9	95.1	97.0	98.8	98.9	99.2	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	45.9	91.9	95.1	97.0	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	45.9	91.9	95.1	97.0	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	45.9	91.9	95.1	97.0	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2508

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STAT ON

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.9	54.3	56.4	57.4	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	28.1	64.4	67.1	68.1	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	28.7	65.3	68.0	69.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 6000	28.7	65.8	68.5	69.5	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	29.2	67.0	69.8	70.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 12000	30.4	69.5	72.2	73.4	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	31.2	72.7	75.9	77.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 9000	31.7	73.6	76.8	78.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 8000	32.2	75.5	79.2	80.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	32.4	76.3	80.1	81.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	32.7	77.4	81.4	82.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 5000	33.0	78.5	82.7	84.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	33.2	78.8	83.0	84.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4000	33.7	80.3	84.7	86.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3500	34.1	81.2	85.8	87.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	34.4	82.7	87.3	88.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2500	34.7	83.7	88.4	90.2	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	34.9	84.9	90.0	91.8	93.1	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
IV 1800	35.1	85.3	90.4	92.3	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	35.2	86.3	91.4	93.3	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	35.4	87.2	92.6	94.6	96.1	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	35.5	87.6	93.1	95.1	96.8	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 900	35.7	87.9	93.4	95.4	97.1	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 800	35.7	88.3	93.9	95.9	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
IV 700	35.7	88.4	94.0	96.0	97.9	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 600	35.7	88.5	94.2	96.3	98.1	98.2	98.6	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	35.7	88.5	94.2	96.5	98.4	98.5	99.1	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.8
IV 400	35.7	88.5	94.2	96.6	98.5	98.6	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0
IV 300	35.7	88.5	94.2	96.6	98.5	98.6	99.3	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	35.7	88.5	94.2	96.6	98.5	98.6	99.3	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	35.7	88.5	94.2	96.6	98.5	98.6	99.3	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	35.7	88.5	94.2	96.6	98.5	98.6	99.3	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2493

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.0	58.7	63.0	64.4	65.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	20.4	65.1	69.6	71.0	72.3	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 18000	20.5	65.3	69.9	71.3	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0
IV 16000	20.6	65.5	70.1	71.6	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000	21.1	67.9	72.5	74.0	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
IV 12000	21.2	69.4	74.2	75.7	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 10000	21.8	72.3	77.5	79.0	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 9000	21.8	73.0	78.3	79.8	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 8000	21.9	74.3	80.0	81.5	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	22.0	75.7	81.5	83.0	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 6000	22.2	76.5	82.4	83.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6
IV 5000	22.3	77.4	83.3	84.9	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500	22.4	77.5	83.7	85.2	86.6	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
IV 4000	22.6	78.3	84.7	86.2	87.6	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	22.8	78.9	85.3	87.0	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
IV 3000	22.9	80.0	86.6	88.3	89.7	89.7	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	23.3	81.1	87.9	89.6	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
IV 2000	23.3	82.6	89.4	91.1	92.7	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
IV 1800	23.3	82.8	89.7	91.5	93.1	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	23.7	83.9	90.9	92.8	94.5	94.5	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	23.7	84.7	91.8	93.8	95.6	95.6	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	23.8	85.2	92.7	94.7	96.5	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
IV 900	23.8	85.5	93.1	95.2	97.1	97.1	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	23.8	85.8	93.5	95.6	97.5	97.5	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	23.9	85.9	93.6	95.9	97.8	97.9	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 600	24.0	86.1	93.8	96.1	98.1	98.1	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 500	24.0	86.2	94.0	96.4	98.3	98.4	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 400	24.0	86.3	94.1	96.5	98.5	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	24.0	86.3	94.1	96.5	98.6	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	24.0	86.3	94.1	96.5	98.6	98.6	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	24.0	86.3	94.1	96.5	98.6	98.6	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	24.0	86.3	94.1	96.5	98.6	98.6	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2477

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.0	53.2	59.9	63.7	65.7	65.9	67.4	68.0	68.2	69.2	69.6	69.6	70.0	70.0	70.3	70.6
IV 20000	13.4	55.3	62.2	66.5	68.6	68.8	70.3	71.0	71.1	72.1	72.5	72.5	73.0	73.0	73.2	73.6
IV 18000	13.4	55.4	62.4	66.6	68.8	68.9	70.5	71.1	71.3	72.3	72.7	72.7	73.1	73.1	73.4	73.7
IV 16000	13.5	55.7	62.6	66.9	69.0	69.2	70.7	71.4	71.5	72.5	72.9	72.9	73.4	73.4	73.6	74.0
IV 14000	13.9	56.8	63.9	68.2	70.3	70.5	72.1	72.7	72.9	73.9	74.3	74.3	74.7	74.7	75.0	75.3
IV 12000	14.1	57.8	64.9	69.3	71.6	71.8	73.4	74.0	74.2	75.2	75.6	75.6	76.0	76.0	76.3	76.6
IV 10000	14.4	59.9	67.2	71.7	74.1	74.3	75.9	76.6	76.7	77.7	78.1	78.1	78.6	78.6	78.8	79.2
IV 9000	14.5	60.4	67.7	72.2	74.7	74.9	76.5	77.1	77.3	78.3	78.7	78.7	79.2	79.2	79.4	79.8
IV 8000	14.9	61.8	69.2	73.7	76.3	76.5	78.1	78.7	78.9	79.9	80.3	80.3	80.8	80.8	81.0	81.4
IV 7000	15.1	63.0	70.5	75.0	77.6	77.7	79.4	80.0	80.2	81.2	81.6	81.6	82.0	82.0	82.3	82.6
IV 6000	15.2	63.8	71.4	76.0	78.5	78.7	80.3	81.0	81.1	82.2	82.6	82.6	83.0	83.0	83.2	83.6
IV 5000	15.3	65.5	73.2	77.8	80.4	80.6	82.2	82.9	83.0	84.1	84.5	84.5	84.9	84.9	85.1	85.5
IV 4500	15.4	65.9	73.6	78.3	80.9	81.1	82.7	83.3	83.5	84.5	84.9	84.9	85.4	85.4	85.6	86.0
IV 4000	15.5	67.0	74.8	79.6	82.2	82.5	84.1	84.8	84.9	86.0	86.4	86.4	86.8	86.8	87.0	87.4
IV 3500	15.5	67.6	75.5	80.3	83.0	83.3	84.9	85.6	85.7	86.8	87.2	87.2	87.6	87.6	87.8	88.2
IV 3000	15.6	68.2	76.2	80.9	83.7	83.9	85.6	86.2	86.4	87.4	87.8	87.8	88.3	88.3	88.5	88.9
IV 2500	15.7	68.6	76.6	81.3	84.1	84.3	86.0	86.6	86.8	87.8	88.2	88.2	88.7	88.7	88.9	89.3
IV 2000	16.0	69.5	78.0	82.9	85.8	86.1	87.8	88.4	88.6	89.6	90.0	90.0	90.5	90.5	90.7	91.1
IV 1800	16.0	69.7	78.2	83.2	86.0	86.3	88.0	88.6	88.8	89.9	90.3	90.3	90.7	90.7	90.9	91.3
IV 1500	16.0	70.7	79.4	84.4	87.3	87.6	89.3	89.9	90.1	91.1	91.5	91.5	92.0	92.0	92.2	92.6
IV 1200	16.1	71.5	80.4	85.5	88.5	88.8	90.5	91.1	91.3	92.4	92.8	92.8	93.2	93.2	93.4	93.8
IV 1000	16.2	72.1	81.1	86.6	89.6	90.1	91.8	92.4	92.6	93.6	94.0	94.0	94.5	94.5	94.7	95.1
IV 900	16.2	72.3	81.3	86.8	89.9	90.4	92.1	92.8	92.9	94.0	94.4	94.4	94.8	94.8	95.1	95.4
IV 800	16.3	72.5	81.6	87.2	90.3	90.7	92.5	93.2	93.3	94.4	94.8	94.8	95.2	95.2	95.5	95.8
IV 700	16.3	72.8	82.0	87.7	90.9	91.3	93.0	93.8	94.0	95.1	95.5	95.5	95.9	95.9	96.1	96.5
IV 600	16.3	73.2	82.4	88.2	91.5	91.9	93.6	94.4	94.6	95.7	96.1	96.1	96.5	96.5	96.7	97.1
IV 500	16.3	73.4	82.6	88.4	92.0	92.4	94.3	95.1	95.3	96.3	96.7	96.7	97.2	97.2	97.4	97.8
IV 400	16.3	73.6	82.8	88.6	92.4	92.8	94.8	95.5	95.7	96.8	97.2	97.2	97.6	97.6	97.9	98.2
IV 300	16.3	73.6	82.8	88.8	92.6	93.0	95.0	95.0	96.0	97.1	97.5	97.5	97.9	98.0	98.2	98.6
IV 200	16.3	73.6	82.9	88.9	92.7	93.1	95.3	96.3	96.5	97.6	98.0	98.0	98.4	98.5	98.7	99.1
IV 100	16.3	73.6	82.9	88.9	92.7	93.2	95.3	96.4	96.6	97.7	98.1	98.1	98.6	98.7	99.2	99.6
IV 0	16.3	73.6	82.9	88.9	92.7	93.2	95.3	96.4	96.6	97.7	98.2	98.2	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2516

USAF ETAC FORM 7 JUL 64 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

031 J-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.4	45.9	53.7	58.3	61.6	62.0	64.1	64.6	64.8	65.8	66.3	66.3	67.1	67.2	67.7	68.3
≥ 20000	9.7	47.6	55.4	60.2	63.7	64.1	66.3	66.8	67.1	68.2	68.6	68.7	69.5	69.6	70.1	70.7
≥ 18000	9.8	47.8	55.7	60.5	64.0	64.4	66.6	67.1	67.4	68.5	68.9	68.9	69.7	69.9	70.4	71.0
≥ 16000	9.8	47.9	55.7	60.5	64.1	64.5	66.6	67.2	67.4	68.5	69.0	69.0	69.8	70.0	70.5	71.1
≥ 14000	9.9	48.4	56.3	61.2	64.8	65.2	67.4	67.9	68.1	69.3	69.7	69.7	70.5	70.7	71.2	71.8
≥ 12000	10.3	49.9	57.9	62.9	66.5	66.9	69.1	69.6	69.8	71.0	71.4	71.4	72.2	72.4	72.9	73.5
≥ 10000	10.5	51.3	59.4	64.6	68.3	68.7	70.8	71.4	71.6	72.7	73.2	73.2	74.0	74.2	74.7	75.3
≥ 9000	10.6	52.0	60.1	65.3	69.0	69.4	71.6	72.1	72.3	73.5	73.9	73.9	74.7	74.9	75.4	76.0
≥ 8000	10.7	53.4	61.6	66.8	70.5	70.9	73.1	73.6	73.9	75.0	75.4	75.5	76.3	76.4	76.9	77.5
≥ 7000	10.9	54.6	63.0	68.2	72.0	72.4	74.6	75.1	75.4	76.5	76.9	77.0	77.8	77.9	78.4	79.0
≥ 6000	10.9	55.4	63.9	69.3	73.1	73.5	75.6	76.2	76.4	77.6	78.0	78.1	78.8	79.0	79.5	80.1
≥ 5000	11.1	57.1	65.8	71.3	75.2	75.6	77.7	78.2	78.5	79.6	80.1	80.1	80.9	81.1	81.6	82.2
≥ 4500	11.2	57.7	66.4	71.9	75.8	76.2	78.3	78.9	79.1	80.3	80.7	80.7	81.5	81.7	82.2	82.8
≥ 4000	11.3	58.7	67.4	73.0	76.9	77.4	79.6	80.1	80.3	81.5	81.9	82.0	82.8	82.9	83.4	84.1
≥ 3500	11.3	59.2	67.9	73.6	77.5	78.1	80.3	80.8	81.1	82.2	82.6	82.7	83.5	83.6	84.2	84.8
≥ 3000	11.5	59.9	68.8	74.6	78.6	79.1	81.3	81.9	82.1	83.2	83.7	83.7	84.5	84.7	85.2	85.9
≥ 2500	11.6	60.5	69.4	75.2	79.2	79.7	81.9	82.5	82.7	83.9	84.3	84.4	85.1	85.3	85.8	86.5
≥ 2000	11.8	61.6	70.8	76.8	80.9	81.4	83.7	84.2	84.5	85.6	86.1	86.1	86.9	87.0	87.6	88.2
≥ 1800	11.8	61.9	71.2	77.3	81.4	81.9	84.2	84.7	84.9	86.1	86.5	86.6	87.4	87.5	88.0	88.7
≥ 1500	11.8	62.4	71.9	78.0	82.2	82.7	84.9	85.5	85.7	86.9	87.3	87.4	88.2	88.3	88.8	89.5
≥ 1200	11.8	63.6	73.1	79.3	83.7	84.2	86.5	87.0	87.3	88.5	88.9	88.9	89.7	89.9	90.4	91.1
≥ 1000	11.9	64.7	74.5	80.8	85.4	85.9	88.2	88.8	89.0	90.2	90.6	90.7	91.5	91.6	92.2	92.8
≥ 900	11.9	65.0	74.8	81.2	85.8	86.3	88.7	89.2	89.5	90.6	91.1	91.1	91.9	92.1	92.6	93.3
≥ 800	11.9	65.1	75.0	81.7	86.3	86.8	89.2	89.7	90.0	91.3	91.7	91.8	92.6	92.7	93.2	93.9
≥ 700	11.9	65.5	75.7	82.4	87.4	88.0	90.3	90.9	91.1	92.4	92.9	92.9	93.7	93.9	94.4	95.0
≥ 600	11.9	65.8	76.1	82.9	88.0	88.6	91.0	91.6	91.8	93.1	93.5	93.6	94.4	94.5	95.0	95.7
≥ 500	11.9	66.0	76.5	83.3	88.4	89.0	91.5	92.1	92.4	93.7	94.1	94.2	95.0	95.1	95.6	96.3
≥ 400	11.9	66.2	76.8	83.6	89.1	89.7	92.3	92.9	93.1	94.6	95.0	95.0	95.8	96.0	96.5	97.2
≥ 300	11.9	66.4	77.0	83.9	89.5	90.1	92.7	93.4	93.6	95.1	95.5	95.6	96.4	96.6	97.1	97.8
≥ 200	11.9	66.4	77.0	83.9	89.5	90.2	93.1	93.8	94.0	95.6	96.2	96.2	97.1	97.3	97.8	98.5
≥ 100	11.9	66.4	77.1	84.0	89.7	90.3	93.2	93.9	94.2	95.8	96.4	96.5	97.5	97.7	98.4	99.2
≥ 0	11.9	66.4	77.1	84.0	89.7	90.3	93.2	93.9	94.2	95.8	96.5	96.5	97.6	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2524

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	13.5	43.8	49.0	51.9	53.7	54.3	55.5	56.2	56.4	56.9	57.4	57.4	57.7	58.0	58.4	58.7
≥ 20000	14.3	47.3	52.9	56.2	58.3	58.9	60.3	61.0	61.2	61.7	62.3	62.3	62.6	62.9	63.3	63.7
IV 18000	14.3	47.3	52.9	56.2	58.4	59.0	60.3	61.1	61.3	61.7	62.4	62.4	62.7	62.9	63.4	63.9
IV 16000	14.3	47.3	52.9	56.3	58.4	59.1	60.4	61.2	61.4	61.8	62.4	62.4	62.7	63.0	63.5	63.9
IV 14000	14.5	47.9	53.6	57.0	59.1	59.8	61.1	61.9	62.0	62.5	63.1	63.1	63.4	63.7	64.2	64.6
IV 12000	14.8	50.0	55.8	59.3	61.5	62.2	63.5	64.3	64.5	65.0	65.6	65.6	66.0	66.2	66.7	67.2
IV 10000	15.3	52.8	58.9	62.4	64.6	65.3	66.8	67.6	67.9	68.4	69.1	69.1	69.4	69.7	70.2	70.6
IV 9000	15.3	53.3	59.4	62.9	65.2	65.9	67.3	68.2	68.5	68.9	69.6	69.6	69.6	70.0	70.3	71.2
IV 8000	15.6	55.5	61.8	65.4	67.7	68.4	69.9	70.7	71.1	71.5	72.3	72.3	72.6	72.9	73.4	73.9
IV 7000	15.6	56.9	63.6	67.2	69.7	70.4	71.9	72.7	73.1	73.5	74.3	74.3	74.6	74.9	75.4	75.9
IV 6000	16.0	57.8	64.7	68.4	71.0	71.8	73.2	74.1	74.4	74.9	75.6	75.6	75.9	76.2	76.7	77.2
IV 5000	16.3	59.2	66.2	69.9	72.6	73.4	74.9	75.7	76.1	76.5	77.3	77.3	77.6	77.9	78.4	78.9
IV 4500	16.4	59.5	66.5	70.2	72.9	73.7	75.2	76.0	76.4	76.8	77.6	77.6	77.9	78.2	78.7	79.2
IV 4000	16.6	60.3	67.6	71.3	74.1	74.9	76.4	77.3	77.7	78.1	78.9	78.9	79.2	79.5	80.0	80.6
IV 3500	16.7	60.8	68.1	71.8	74.7	75.5	77.1	78.0	78.4	78.9	79.6	79.6	79.9	80.2	80.8	81.3
IV 3000	16.9	61.9	69.3	73.2	76.1	77.0	78.5	79.5	79.8	80.3	81.1	81.1	81.4	81.8	82.3	82.8
IV 2500	17.0	62.6	70.1	74.1	77.1	78.0	79.5	80.4	80.8	81.3	82.1	82.1	82.4	82.7	83.3	83.8
IV 2000	17.2	63.9	71.7	75.7	78.8	79.7	81.3	82.2	82.6	83.1	83.9	83.9	84.3	84.6	85.1	85.7
IV 1800	17.2	64.2	72.0	76.0	79.1	80.0	81.6	82.6	82.9	83.4	84.2	84.2	84.6	84.9	85.5	86.0
IV 1500	17.4	64.7	72.6	76.7	79.9	80.9	82.5	83.5	83.8	84.3	85.1	85.1	85.5	85.8	86.4	86.9
IV 1200	17.5	65.5	73.7	77.9	81.2	82.1	83.9	84.8	85.2	85.7	86.5	86.5	86.9	87.2	87.8	88.3
IV 1000	17.6	66.4	74.9	79.3	82.6	83.7	85.6	86.5	86.8	87.3	88.1	88.1	88.6	88.9	89.4	90.0
IV 900	17.6	66.6	75.1	79.7	83.1	84.1	86.1	87.0	87.3	87.8	88.7	88.7	89.1	89.4	90.0	90.5
IV 800	17.7	67.4	76.0	80.8	84.3	85.3	87.3	88.3	88.6	89.1	89.9	89.9	90.4	90.7	91.2	91.8
IV 700	17.9	68.0	76.7	81.6	85.1	86.1	88.3	89.3	89.6	90.2	91.0	91.0	91.4	91.7	92.3	92.8
IV 600	17.9	68.6	77.5	82.5	86.1	87.2	89.4	90.5	90.9	91.4	92.2	92.2	92.6	93.0	93.5	94.1
IV 500	17.9	68.9	78.2	83.3	87.0	88.1	90.6	91.8	92.1	92.8	93.6	93.6	94.1	94.4	95.0	95.5
IV 400	17.9	69.2	78.5	83.8	87.7	88.8	91.6	92.8	93.2	94.0	94.8	94.8	95.3	95.6	96.2	96.7
IV 300	17.9	69.2	78.7	84.2	88.3	89.5	92.4	93.8	94.2	95.2	96.0	96.0	96.7	97.0	97.7	98.3
IV 200	17.9	69.2	78.8	84.2	88.4	89.6	92.5	94.0	94.4	95.5	96.5	96.6	97.3	97.6	98.5	99.0
IV 100	17.9	69.2	78.8	84.2	88.4	89.6	92.5	94.0	94.4	95.5	96.6	96.6	97.5	97.8	98.9	99.6
IV 0	17.9	69.2	78.8	84.2	88.4	89.6	92.5	94.0	94.4	95.5	96.6	96.7	97.5	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2582

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH

AFB SOUTH CAROLINA

43-46,49-72

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	26.6	56.2	57.7	58.1	58.4	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9
≥ 20000	29.4	63.0	64.6	65.2	65.6	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	29.4	63.1	64.7	65.4	65.8	65.9	66.1	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.3
IV 16000	29.4	63.2	64.9	65.5	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	29.8	64.2	65.9	66.5	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	30.3	65.9	67.6	68.3	68.7	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
IV 10000	31.2	69.4	71.3	72.0	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	31.6	70.0	72.1	72.9	73.4	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IV 8000	31.8	71.4	73.6	74.4	74.9	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
IV 7000	31.9	72.7	75.0	75.9	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	32.0	73.6	75.8	76.7	77.2	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7
IV 5000	32.5	74.6	76.9	77.9	78.4	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
IV 4500	32.7	74.9	77.2	78.2	78.7	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2
IV 4000	32.9	75.5	77.8	78.8	79.4	79.6	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9
IV 3500	33.3	76.4	78.8	79.8	80.4	80.6	80.7	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9
IV 3000	33.6	77.3	79.9	80.9	81.6	81.8	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1
IV 2500	33.8	78.1	80.6	81.8	82.5	82.6	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0
IV 2000	34.5	80.1	82.8	84.0	84.7	84.9	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3
IV 1800	34.5	80.3	83.0	84.2	85.0	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
IV 1500	35.1	82.3	85.3	86.6	87.5	87.7	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	35.4	83.9	87.4	88.6	89.6	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 1000	35.6	85.2	89.0	90.5	91.6	91.8	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4
IV 900	35.7	86.0	89.9	91.4	92.6	92.8	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4
IV 800	35.7	87.0	91.0	92.7	94.0	94.2	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	35.8	87.4	91.5	93.4	94.7	95.1	95.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9
IV 600	35.8	87.8	92.1	94.1	95.6	95.9	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	35.9	88.6	93.1	95.2	96.9	97.4	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	35.9	88.6	93.2	95.4	97.2	97.7	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.1
IV 300	35.9	88.8	93.4	95.7	97.5	98.1	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8
IV 200	35.9	88.9	93.5	95.8	97.6	98.2	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9
IV 100	35.9	88.9	93.5	95.8	97.6	98.2	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0
IV 0	35.9	88.9	93.5	95.8	97.6	98.2	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2587

USAF ETAC

FORM
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.2 34.6	56.9 65.1	57.8 66.1	58.4 66.7	58.6 66.9	58.6 66.9	58.7 67.0	58.7 67.0	58.7 67.0	58.8 67.1	58.8 67.1	58.8 67.1	58.8 67.1	58.8 67.1	58.8 67.1	58.8 67.1
IV 18000 16000	34.8 34.8	65.4 65.3	66.4 66.8	67.1 67.4	67.3 67.6	67.3 67.6	67.4 67.8	67.4 67.8	67.5 67.8	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9
IV 14000 12000	35.7 36.5	67.1 69.3	68.1 70.4	68.7 71.1	69.0 71.3	69.0 71.3	69.1 71.4	69.1 71.4	69.1 71.4	69.2 71.6	69.2 71.6	69.2 71.6	69.2 71.6	69.2 71.6	69.2 71.6	69.2 71.6
IV 10000 9000	37.3 37.9	72.3 73.4	73.3 74.4	74.0 75.1	74.2 75.3	74.2 75.3	74.3 75.5	74.3 75.5	74.3 75.6	74.5 75.6	74.5 75.6	74.5 75.6	74.5 75.6	74.5 75.6	74.5 75.6	74.5 75.6
IV 8000 7000	38.6 39.1	75.6 77.2	76.7 78.4	77.4 79.1	77.6 79.3	77.6 79.3	77.7 79.5	77.7 79.5	77.7 79.6	77.9 79.6	77.9 79.6	77.9 79.6	77.9 79.6	77.9 79.6	77.9 79.6	77.9 79.6
IV 6000 5000	39.4 39.9	78.6 80.0	79.7 81.2	80.4 81.9	80.7 82.2	80.7 82.2	80.8 82.3	80.8 82.3	80.8 82.4	80.9 82.4	80.9 82.4	80.9 82.4	80.9 82.4	80.9 82.4	80.9 82.4	80.9 82.4
IV 4500 4000	40.1 40.6	80.5 81.7	81.7 83.0	82.4 83.7	82.8 84.1	82.8 84.1	82.9 84.2	82.9 84.2	82.9 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3
IV 3500 3000	40.9 41.6	82.4 84.0	83.7 85.3	84.4 86.1	84.8 86.4	84.8 86.4	84.9 86.5	84.9 86.5	84.9 86.6	85.0 86.6	85.0 86.6	85.0 86.6	85.0 86.6	85.0 86.6	85.0 86.6	85.0 86.6
IV 2500 2000	42.2 43.1	85.2 87.3	86.8 88.9	87.6 89.7	88.0 90.3	88.0 90.3	88.1 90.4	88.2 90.5	88.2 90.5	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6
IV 1800 1500	43.2 43.5	88.0 89.6	89.6 91.3	90.4 92.3	91.0 93.0	91.0 93.0	91.1 93.2	91.2 93.3	91.2 93.3	91.3 93.4	91.3 93.4	91.3 93.4	91.3 93.4	91.3 93.4	91.3 93.4	91.3 93.4
IV 1200 1000	43.8 44.2	91.1 92.0	92.9 94.1	94.0 95.4	94.7 96.1	94.7 96.2	94.9 96.4	95.0 96.5	95.0 96.5	95.2 96.7	95.2 96.7	95.2 96.7	95.2 96.7	95.2 96.7	95.2 96.7	95.2 96.7
IV 900 800	44.2 44.3	92.4 92.8	94.5 94.9	95.8 96.3	96.5 97.0	96.5 97.0	96.8 97.3	96.9 97.4	96.9 97.4	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6
IV 700 600	44.3 44.5	93.0 93.6	95.2 95.8	96.7 97.4	97.4 98.3	97.5 98.3	97.8 98.9	98.0 99.1	98.1 99.1	98.3 99.4	98.4 99.5	98.4 99.5	98.4 99.5	98.4 99.5	98.4 99.5	98.4 99.5
IV 500 400	44.5 44.5	93.6 93.7	95.8 96.0	97.4 97.6	98.3 98.5	98.3 98.6	98.9 99.1	99.1 99.3	99.1 99.3	99.4 99.6	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
IV 300 200	44.5 44.5	93.8 93.8	96.0 96.0	97.6 97.6	98.6 98.7	98.6 98.8	99.3 99.4	99.5 99.6	99.5 99.7	99.8 99.9	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0
IV 100 0	44.5 44.5	93.8 93.8	96.0 96.0	97.6 97.6	98.7 98.8	98.7 98.8	99.4 99.4	99.6 99.6	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2584

USAF ETAC FORM 0-14-5 (OI A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
N.O. CEILING	31.7	56.8	57.7	58.0	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 20000	35.0	65.0	66.1	66.5	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 18000	35.3	65.6	66.7	67.1	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 16000	35.4	66.0	67.0	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 14000	36.1	67.4	68.5	68.9	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	37.4	69.9	71.2	71.7	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	38.7	73.5	74.9	75.4	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 9000	38.8	74.1	75.5	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	39.5	76.4	78.0	78.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000	40.0	78.2	79.9	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 6000	40.5	79.6	81.3	82.0	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 5000	41.3	81.4	83.1	83.9	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4500	41.6	82.0	83.7	84.5	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4000	41.9	83.5	85.3	86.2	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	42.3	84.8	86.7	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	42.5	85.3	87.8	88.8	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2500	43.1	87.3	89.3	90.4	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	43.6	89.2	91.2	92.3	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800	43.7	89.5	91.5	92.0	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	44.1	90.6	92.7	93.7	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	44.3	91.9	94.1	95.2	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	44.5	92.4	94.7	96.0	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	44.5	92.6	94.8	96.2	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	44.5	92.8	95.1	96.4	97.4	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	44.6	93.0	95.5	96.9	97.9	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	44.6	93.1	95.7	97.2	98.3	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	44.6	93.1	95.9	97.4	98.5	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	44.6	93.1	95.9	97.4	98.6	98.6	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	44.6	93.2	96.0	97.4	98.6	98.7	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	44.6	93.2	96.0	97.4	98.6	98.7	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	44.6	93.2	96.0	97.4	98.6	98.7	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	44.6	93.2	96.0	97.4	98.6	98.7	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2582

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46,49-72
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 0	
NO CEILING	24.9	61.2	64.1	65.4	66.5	66.5	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.9	66.9
≥ 10000	26.0	66.0	69.0	70.5	71.7	71.7	71.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	26.2	66.3	69.4	70.8	72.0	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	26.3	66.7	69.7	71.2	72.4	72.4	72.5	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	26.7	67.9	71.1	72.5	73.7	73.7	73.8	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	27.1	69.4	72.8	74.2	75.4	75.4	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	27.9	72.2	75.7	77.2	78.5	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0
≥ 9000	27.9	73.0	76.5	78.0	79.3	79.4	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	28.2	74.2	77.8	79.4	80.7	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000	28.3	75.1	78.8	80.4	81.7	81.8	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	28.7	76.4	80.2	81.8	83.2	83.2	83.3	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5500	29.0	78.0	81.8	83.4	84.8	84.9	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 4500	29.2	78.7	82.5	84.1	85.5	85.6	85.6	85.7	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 4000	29.3	79.9	83.9	85.6	87.2	87.3	87.4	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	29.4	80.9	85.0	86.7	88.3	88.4	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	29.5	82.4	86.7	88.4	90.0	90.1	90.2	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	29.7	83.3	87.6	89.4	91.1	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 2000	29.8	84.9	89.4	91.2	93.1	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	29.9	85.2	89.7	91.6	93.4	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 1000	30.0	85.9	90.5	92.4	94.3	94.5	94.6	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	30.1	86.9	91.8	93.8	95.8	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	30.2	87.5	92.5	94.6	96.7	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 900	30.2	87.5	92.6	94.8	96.9	97.0	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 800	30.2	87.6	92.7	94.9	97.1	97.2	97.6	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 700	30.2	87.8	93.0	95.2	97.5	97.6	98.0	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	30.2	88.0	93.2	95.4	97.7	97.9	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 500	30.2	88.1	93.4	95.7	98.1	98.2	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 400	30.2	88.1	93.4	95.7	98.1	98.2	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 300	30.2	88.1	93.5	95.8	98.2	98.3	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	30.2	88.1	93.5	95.8	98.2	98.3	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	30.2	88.1	93.5	95.8	98.3	98.4	99.2	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	30.2	88.1	93.5	95.8	98.3	98.4	99.2	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2577

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.0	59.5	64.5	66.3	68.7	68.9	69.5	69.6	69.6	70.2	70.2	70.2	70.4	70.5	70.5	70.6
IV 20000	19.9	62.9	68.0	70.0	72.4	72.7	73.2	73.3	73.3	73.9	74.0	74.0	74.1	74.2	74.3	74.3
IV 18000	19.9	63.0	68.2	70.3	72.7	73.0	73.5	73.6	73.6	74.2	74.3	74.3	74.4	74.5	74.6	74.6
IV 16000	20.1	63.4	68.6	70.7	73.1	73.4	73.9	74.0	74.0	74.6	74.7	74.7	74.8	74.9	75.0	75.0
IV 14000	20.6	64.4	69.7	71.8	74.2	74.5	75.0	75.1	75.1	75.8	75.9	75.9	76.0	76.1	76.2	76.2
IV 12000	21.2	66.2	71.6	73.7	76.3	76.5	77.0	77.1	77.1	77.8	77.9	77.9	78.0	78.1	78.2	78.2
IV 10000	21.6	68.2	73.9	76.2	78.8	79.0	79.5	79.7	79.7	80.4	80.4	80.4	80.5	80.7	80.7	80.8
IV 9000	21.6	68.8	74.5	76.8	79.3	79.6	80.1	80.3	80.3	80.9	81.0	81.0	81.1	81.3	81.3	81.4
IV 8500	21.8	69.8	75.7	78.0	80.6	80.9	81.4	81.6	81.6	82.2	82.3	82.3	82.4	82.5	82.6	82.7
IV 8000	22.0	70.8	76.7	79.1	81.7	81.9	82.5	82.6	82.6	83.3	83.4	83.4	83.5	83.6	83.7	83.7
IV 6000	22.1	72.0	78.0	80.4	83.0	83.3	83.8	84.0	84.0	84.6	84.7	84.7	84.8	85.0	85.0	85.1
IV 5000	22.3	73.8	79.9	82.4	85.1	85.4	85.9	86.1	86.1	86.7	86.8	86.8	86.9	87.0	87.1	87.1
IV 4500	22.5	74.5	80.6	83.1	85.9	86.1	86.6	86.8	86.8	87.5	87.5	87.5	87.7	87.8	87.9	87.9
IV 4000	22.5	75.7	82.0	84.6	87.4	87.7	88.2	88.4	88.4	89.0	89.1	89.1	89.2	89.2	89.4	89.5
IV 3500	22.5	76.1	82.5	85.1	87.9	88.2	88.8	88.9	88.9	89.6	89.6	89.6	89.8	89.9	90.0	90.0
IV 3000	22.5	76.7	83.2	85.8	88.7	88.9	89.5	89.6	89.6	90.3	90.4	90.4	90.5	90.6	90.7	90.7
IV 2500	22.7	77.5	84.0	86.7	89.5	89.8	90.4	90.5	90.5	91.2	91.3	91.3	91.4	91.5	91.6	91.6
IV 2000	22.9	78.8	85.5	88.2	91.0	91.3	91.9	92.1	92.1	92.7	92.8	92.8	92.9	93.0	93.1	93.2
IV 1800	22.9	78.9	85.7	88.4	91.3	91.6	92.2	92.4	92.4	93.0	93.1	93.1	93.2	93.4	93.4	93.5
IV 1500	22.9	79.6	86.6	89.4	92.3	92.6	93.2	93.4	93.4	94.1	94.1	94.1	94.3	94.4	94.5	94.5
IV 1200	22.9	80.4	87.5	90.6	93.6	93.9	94.5	94.7	94.7	95.4	95.4	95.4	95.5	95.7	95.7	95.8
IV 1000	22.9	81.1	88.3	91.5	94.5	94.8	95.5	95.7	95.7	96.3	96.4	96.4	96.5	96.6	96.7	96.8
IV 900	22.9	81.2	88.5	91.7	94.7	95.0	95.7	95.9	95.9	96.5	96.6	96.6	96.8	96.9	97.0	97.0
IV 800	22.9	81.3	88.6	91.8	94.8	95.2	95.9	96.1	96.1	96.8	96.8	96.8	97.0	97.1	97.2	97.2
IV 700	22.9	81.5	88.8	92.1	95.2	95.5	96.2	96.4	96.5	97.1	97.2	97.2	97.4	97.5	97.6	97.6
IV 600	22.3	81.6	89.0	92.4	95.5	95.8	96.7	97.0	97.0	97.7	97.7	97.7	97.9	98.0	98.1	98.1
IV 500	22.9	81.9	89.5	92.9	96.1	96.4	97.3	97.5	97.5	98.2	98.3	98.3	98.4	98.6	98.6	98.7
IV 400	22.9	81.9	89.5	93.0	96.1	96.4	97.4	97.6	97.7	98.3	98.4	98.4	98.6	98.7	98.8	98.8
IV 300	22.9	81.9	89.5	93.0	96.2	96.5	97.6	97.9	97.9	98.6	98.6	98.6	98.8	98.9	99.0	99.0
IV 200	22.9	81.9	89.5	93.0	96.3	96.6	97.8	98.2	98.2	99.0	99.1	99.1	99.3	99.4	99.5	99.5
IV 100	22.9	81.9	89.5	93.0	96.3	96.6	97.8	98.2	98.2	99.0	99.2	99.2	99.5	99.6	99.7	99.7
IV 0	22.9	81.9	89.5	93.0	96.3	96.6	97.8	98.2	98.2	99.1	99.2	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2560

USAF ETAC

FORM
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.0	54.0	57.9	60.7	62.9	63.4	65.1	65.5	65.5	66.5	67.2	67.2	67.9	68.1	68.9	70.1
≥ 20000	16.4	56.5	60.6	63.5	65.9	66.4	68.1	68.5	68.5	69.6	70.3	70.4	71.0	71.2	72.1	73.2
IV 18000	16.4	56.6	60.7	63.5	66.0	66.4	68.2	68.6	68.6	69.7	70.4	70.5	71.1	71.3	72.2	73.3
IV 16000	16.4	56.8	60.9	63.7	66.2	66.6	68.4	68.8	68.8	69.9	70.6	70.7	71.3	71.5	72.4	73.5
IV 14000	16.7	57.6	61.7	64.6	67.0	67.5	69.2	69.6	69.6	70.7	71.5	71.5	72.2	72.4	73.2	74.4
IV 12000	17.0	59.2	63.4	66.3	68.8	69.2	71.0	71.4	71.4	72.5	73.2	73.3	74.0	74.2	75.0	76.2
IV 10000	17.1	61.3	65.7	68.8	71.4	71.8	73.7	74.1	74.1	75.2	75.9	76.0	76.6	76.8	77.7	78.8
IV 9000	17.1	62.2	66.8	69.8	72.5	72.9	74.8	75.1	75.1	76.3	77.0	77.1	77.7	77.9	78.8	79.9
IV 8000	17.2	63.4	68.1	71.2	73.9	74.4	76.2	76.6	76.6	77.7	78.4	78.5	79.1	79.3	80.2	81.4
IV 7000	17.4	64.5	69.2	72.4	75.1	75.5	77.3	77.7	77.7	78.8	79.6	79.7	80.3	80.5	81.4	82.6
IV 6000	17.5	65.8	70.6	73.8	76.5	76.9	78.7	79.1	79.1	80.2	81.0	81.1	81.7	81.9	82.8	84.0
IV 5000	17.7	67.4	72.4	75.7	78.4	78.9	80.7	81.1	81.1	82.2	82.9	83.1	83.7	83.9	84.8	86.0
IV 4500	17.8	67.8	72.9	76.2	79.0	79.4	81.2	81.6	81.6	82.8	83.5	83.6	84.3	84.5	85.3	86.5
IV 4000	18.1	69.1	74.2	77.6	80.4	80.8	82.7	83.1	83.1	84.2	85.0	85.1	85.7	85.9	86.8	88.0
IV 3500	18.2	70.0	75.1	78.4	81.3	81.7	83.6	84.0	84.0	85.2	85.9	86.0	86.7	86.9	87.8	89.0
IV 3000	18.3	70.8	75.9	79.4	82.3	82.8	84.7	85.0	85.0	86.2	87.0	87.1	87.7	87.9	88.8	90.1
IV 2500	18.3	71.1	76.3	79.8	82.7	83.2	85.1	85.5	85.5	86.6	87.4	87.5	88.2	88.3	89.2	90.5
IV 2000	18.3	72.0	77.3	80.8	83.9	84.4	86.2	86.6	86.6	87.8	88.6	88.7	89.3	89.5	90.4	91.7
IV 1800	18.5	72.5	77.7	81.3	84.4	84.9	86.8	87.2	87.2	88.3	89.1	89.2	89.9	90.1	90.9	92.2
IV 1500	18.6	73.1	78.4	82.1	85.3	85.8	87.7	88.1	88.1	89.3	90.2	90.3	90.9	91.1	92.0	93.3
IV 1200	18.6	73.7	79.1	82.8	86.1	86.6	88.6	89.1	89.1	90.3	91.2	91.3	91.9	92.1	93.0	94.3
IV 1000	18.6	74.0	79.7	83.6	87.1	87.6	89.6	90.0	90.0	91.3	92.2	92.3	92.9	93.1	94.0	95.3
IV 900	18.6	74.1	79.8	83.7	87.3	87.8	89.8	90.2	90.2	91.5	92.4	92.5	93.2	93.4	94.3	95.6
IV 800	18.6	74.3	80.1	84.3	87.8	88.3	90.4	90.8	90.8	92.0	93.0	93.1	93.8	94.0	94.9	96.2
IV 700	18.6	74.5	80.4	84.7	88.4	88.9	91.0	91.4	91.4	92.6	93.6	93.7	94.4	94.6	95.5	96.8
IV 600	18.6	74.6	80.7	85.3	89.1	89.5	91.7	92.2	92.2	93.4	94.2	94.4	95.1	95.3	96.3	97.5
IV 500	18.6	74.8	81.0	85.6	89.5	89.9	92.1	92.6	92.6	93.8	94.7	94.8	95.5	95.7	96.7	97.9
IV 400	18.6	75.0	81.2	85.9	89.7	90.2	92.4	92.8	92.8	94.1	95.0	95.1	95.8	96.1	97.0	98.3
IV 300	18.6	75.0	81.2	86.0	89.9	90.4	92.7	93.1	93.1	94.4	95.4	95.5	96.2	96.5	97.4	98.6
IV 200	18.6	75.1	81.3	86.2	90.1	90.6	93.0	93.5	93.6	95.0	96.0	96.1	96.8	97.1	98.1	99.5
IV 100	18.6	75.1	81.3	86.2	90.1	90.6	93.0	93.5	93.6	95.1	96.1	96.2	96.9	97.2	98.2	99.6
IV 0	18.6	75.1	81.3	86.2	90.1	90.6	93.0	93.5	93.6	95.1	96.1	96.2	97.0	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2515

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	4.3	53.3	57.3	60.5	62.8	63.0	64.7	65.5	65.6	66.8	67.5	67.6	68.4	68.5	69.4	70.5	
≥ 20000	14.5	55.6	59.7	63.1	65.5	65.7	67.5	68.2	68.3	69.6	70.3	70.3	71.2	71.4	72.3	73.5	
≥ 18000	14.5	55.7	59.8	63.2	65.7	65.9	67.7	68.4	68.5	69.8	70.5	70.5	71.4	71.6	72.5	73.7	
≥ 16000	14.5	55.8	59.9	63.4	65.8	66.0	67.8	68.6	68.7	69.9	70.6	70.7	71.6	71.7	72.7	73.8	
≥ 14000	14.5	56.4	60.5	64.0	66.5	66.7	68.5	69.2	69.3	70.5	71.3	71.3	72.2	72.4	73.3	74.5	
≥ 12000	14.8	57.7	61.9	65.4	67.9	68.1	70.0	70.7	70.8	72.1	72.8	72.9	73.8	73.9	74.9	76.0	
≥ 10000	15.1	59.5	63.9	67.5	70.1	70.3	72.2	73.0	73.1	74.4	75.1	75.2	76.1	76.2	77.2	78.3	
≥ 9000	15.2	60.3	64.7	68.3	70.9	71.1	73.0	73.8	73.9	75.2	75.9	76.0	76.9	77.0	78.0	79.1	
≥ 8000	15.6	61.5	66.1	69.8	72.4	72.6	74.4	75.3	75.4	76.7	77.4	77.5	78.4	78.5	79.5	80.6	
≥ 7000	15.7	62.2	66.9	70.5	73.2	73.4	75.3	76.2	76.2	77.5	78.3	78.3	79.3	79.4	80.4	81.5	
≥ 6000	15.7	63.2	68.0	71.6	74.3	74.5	76.5	77.3	77.4	78.7	79.4	79.5	80.4	80.6	81.5	82.7	
≥ 5000	15.9	65.0	69.9	73.6	76.3	76.5	78.4	79.3	79.3	80.7	81.4	81.5	82.4	82.6	83.5	84.7	
≥ 4500	15.9	65.3	70.3	74.0	76.7	76.9	78.9	79.7	79.8	81.2	81.9	82.0	82.9	83.0	84.0	85.1	
≥ 4000	15.9	66.5	71.7	75.5	78.3	78.5	80.4	81.2	81.4	82.8	83.5	83.5	84.5	84.6	85.6	86.7	
≥ 3500	16.0	67.3	72.6	76.4	79.2	79.4	81.3	82.2	82.3	83.7	84.4	84.5	85.4	85.5	86.5	87.6	
≥ 3000	16.0	68.1	73.4	77.3	80.1	80.4	82.3	83.2	83.3	84.7	85.5	85.5	86.4	86.6	87.6	88.7	
≥ 2500	16.0	68.5	74.1	78.0	80.8	81.0	83.0	83.9	84.0	85.4	86.1	86.2	87.1	87.3	88.2	89.4	
≥ 2000	16.2	69.3	75.0	78.9	81.8	82.0	84.0	84.9	85.0	86.4	87.2	87.2	88.2	88.3	89.3	90.4	
≥ 1800	16.2	69.6	75.4	79.4	82.3	82.6	84.5	85.4	85.5	87.0	87.7	87.8	88.7	88.8	89.8	91.0	
≥ 1500	16.3	70.3	76.3	80.3	83.3	83.6	85.5	86.4	86.6	88.0	88.7	88.8	89.7	89.9	90.8	92.0	
≥ 1200	16.3	70.9	77.0	81.2	84.2	84.5	86.4	87.4	87.5	89.1	89.8	89.9	90.8	90.9	91.9	93.1	
≥ 1000	16.4	71.3	77.5	81.8	84.8	85.1	87.1	88.0	88.1	89.8	90.5	90.6	91.5	91.7	92.6	93.9	
≥ 900	16.4	71.5	77.7	82.2	85.2	85.6	87.6	88.5	88.6	90.4	91.1	91.2	92.1	92.2	93.2	94.5	
≥ 800	16.4	71.9	78.4	82.9	86.0	86.3	88.3	89.3	89.4	91.2	91.9	92.0	92.9	93.0	94.0	95.3	
≥ 700	16.4	72.1	78.6	83.1	86.3	86.6	88.6	89.6	89.7	91.5	92.2	92.3	93.2	93.4	94.3	95.6	
≥ 600	16.4	72.6	79.1	83.8	87.0	87.4	89.4	90.4	90.5	92.3	93.0	93.1	94.0	94.2	95.1	96.4	
≥ 500	16.4	72.9	79.6	84.3	87.6	88.0	90.0	91.0	91.1	92.9	93.6	93.7	94.6	94.8	95.7	97.0	
≥ 400	16.4	73.1	79.8	84.6	88.0	88.4	90.5	91.5	91.7	93.5	94.2	94.3	95.2	95.4	96.3	97.6	
≥ 300	16.4	73.3	80.0	84.9	88.3	88.7	90.9	91.9	92.1	94.1	94.8	94.9	95.8	95.9	96.9	98.2	
≥ 200	16.4	73.3	80.0	84.9	88.5	89.0	91.3	92.3	92.5	94.7	95.4	95.5	96.5	96.7	97.7	98.9	
≥ 100	16.4	73.3	80.0	84.9	88.5	89.0	91.3	92.4	92.6	94.8	95.5	95.7	96.7	97.0	98.1	99.7	
≥ 0	16.4	73.3	80.0	84.9	88.5	89.0	91.3	92.4	92.6	94.8	95.5	95.7	96.8	97.1	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 2516

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	15.1	48.2	52.5	55.2	57.6	58.0	59.2	59.8	59.9	60.5	61.1	61.2	61.7	61.9	62.7	63.7
IV 20000	15.7	52.2	56.9	59.8	62.5	62.9	64.1	64.7	64.8	65.5	66.1	66.7	66.8	67.0	67.8	68.9
IV 18000	15.8	52.5	57.2	60.2	62.9	63.3	64.6	65.2	65.2	66.0	66.6	66.7	67.3	67.5	68.3	69.4
IV 16000	15.8	52.6	57.3	60.3	63.0	63.4	64.7	65.2	65.3	66.1	66.7	66.8	67.3	67.5	68.4	69.4
IV 14000	15.9	53.4	58.2	61.3	64.0	64.5	65.8	66.3	66.4	67.2	67.8	67.8	68.4	68.6	69.5	70.5
IV 12000	16.3	55.0	60.1	63.1	65.9	66.4	67.7	68.2	68.3	69.1	69.7	69.8	70.4	70.6	71.5	72.6
IV 10000	16.6	56.4	61.6	64.8	67.6	68.0	69.4	70.0	70.1	70.8	71.5	71.6	72.1	72.3	73.3	74.4
IV 9000	16.6	56.6	61.8	65.0	67.8	68.3	69.6	70.3	70.3	71.1	71.7	71.8	72.4	72.6	73.5	74.6
IV 8000	17.0	58.2	63.8	67.2	70.1	70.6	71.9	72.6	72.7	73.5	74.2	74.3	74.9	75.1	76.0	77.1
IV 7000	17.1	59.7	65.4	68.9	71.8	72.3	73.7	74.5	74.6	75.3	76.0	76.1	76.7	77.0	77.9	79.0
IV 6000	17.4	61.1	66.8	70.3	73.3	73.8	75.3	76.0	76.1	77.0	77.7	77.8	78.4	78.7	79.7	80.8
IV 5000	17.7	62.7	68.6	72.1	75.1	75.6	77.1	77.9	77.9	78.8	79.6	79.7	80.3	80.6	81.5	82.7
IV 4500	17.7	62.9	68.8	72.3	75.4	75.9	77.4	78.2	78.3	79.2	80.0	80.0	80.7	80.9	81.9	83.0
IV 4000	18.0	64.0	70.1	73.8	77.0	77.6	79.2	80.0	80.1	81.0	81.8	81.8	82.5	82.7	83.7	84.8
IV 3500	18.1	64.7	71.0	74.6	78.0	78.5	80.2	81.0	81.1	82.0	82.8	82.9	83.5	83.7	84.7	85.8
IV 3000	18.2	65.7	72.0	75.8	79.2	79.7	81.4	82.3	82.4	83.3	84.1	84.2	84.8	85.1	86.0	87.1
IV 2500	18.3	66.4	72.9	76.7	80.2	80.7	82.5	83.4	83.5	84.4	85.2	85.2	85.9	86.1	87.1	88.2
IV 2000	18.5	67.1	73.7	77.7	81.3	81.9	83.7	84.6	84.8	85.7	86.5	86.6	87.2	87.5	88.4	89.5
IV 1800	18.5	67.3	73.9	77.9	81.5	82.2	84.0	84.9	85.0	85.9	86.7	86.8	87.4	87.7	88.6	89.8
IV 1500	18.6	67.8	74.6	78.6	82.3	82.9	84.8	85.7	85.9	86.8	87.6	87.7	88.3	88.6	89.6	90.7
IV 1200	18.6	68.4	75.1	79.2	82.9	83.6	85.6	86.5	86.6	87.6	88.4	88.5	89.1	89.4	90.3	91.5
IV 1000	19.0	69.3	76.1	80.3	84.0	84.7	86.7	87.6	87.8	88.7	89.5	89.6	90.3	90.5	91.5	92.6
IV 900	19.0	69.6	76.5	80.6	84.3	85.1	87.2	88.1	88.2	89.2	89.9	90.0	90.7	91.0	91.9	93.1
IV 800	19.1	70.5	77.4	81.6	85.3	86.1	88.3	89.2	89.4	90.3	91.1	91.2	91.9	92.1	93.1	94.3
IV 700	19.1	70.8	77.7	82.0	85.8	86.7	88.8	89.8	89.9	90.9	91.7	91.8	92.4	92.7	93.7	94.9
IV 600	19.1	71.6	78.6	83.0	86.9	87.8	90.0	91.1	91.2	92.2	93.1	93.2	93.8	94.1	95.1	96.3
IV 500	19.1	71.8	79.1	83.4	87.5	88.3	90.6	91.6	91.7	92.8	93.6	93.7	94.4	94.7	95.6	96.8
IV 400	19.1	72.0	79.3	83.7	87.9	88.8	91.1	92.2	92.3	93.4	94.3	94.3	95.0	95.3	96.3	97.4
IV 300	19.1	72.1	79.4	83.9	88.1	89.0	91.4	92.7	92.9	94.0	95.0	95.1	95.8	96.1	97.1	98.2
IV 200	19.1	72.1	79.4	83.9	88.2	89.1	91.6	92.9	93.1	94.2	95.4	95.4	96.2	96.5	97.5	98.7
IV 100	19.1	72.1	79.4	83.9	88.2	89.1	91.6	92.9	93.1	94.4	95.6	95.7	96.5	96.8	98.0	99.6
IV 0	19.1	72.1	79.4	83.9	88.2	89.1	91.6	92.9	93.1	94.4	95.6	95.7	96.5	96.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2566

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,43-72
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/5	≥ 1/8	≥ 0
NO CEILING	28.2	58.9	60.6	61.6	62.1	62.3	62.4	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.9	62.9
≥ 7000	30.7	65.5	67.3	68.6	69.2	69.3	69.5	69.6	69.6	69.8	69.9	69.9	69.9	70.0	70.0	70.1
≥ 18000	30.8	65.8	67.6	69.0	69.5	69.7	69.9	69.9	70.0	70.1	70.3	70.3	70.3	70.4	70.4	70.5
≥ 16000	30.9	66.1	67.9	69.3	69.8	70.0	70.2	70.3	70.3	70.5	70.6	70.6	70.6	70.7	70.7	70.8
≥ 14000	31.1	67.2	69.0	70.4	71.0	71.1	71.3	71.4	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.9
≥ 12000	31.9	69.6	71.5	73.0	73.5	73.6	73.9	74.0	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.5
≥ 10000	32.6	71.8	73.6	75.1	75.7	75.9	76.3	76.3	76.4	76.5	76.5	76.6	76.7	76.7	76.8	76.8
≥ 9000	32.7	72.1	74.1	75.6	76.3	76.5	76.8	76.8	76.9	77.0	77.2	77.2	77.2	77.3	77.3	77.4
≥ 8000	33.2	74.2	76.3	77.8	78.5	78.6	79.1	79.1	79.2	79.3	79.5	79.5	79.5	79.5	79.6	79.6
≥ 7000	33.5	75.9	78.0	79.6	80.3	80.5	80.9	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.4	81.5
≥ 6000	33.8	77.0	79.3	80.9	81.6	81.8	82.2	82.3	82.4	82.5	82.7	82.7	82.7	82.8	82.8	82.9
≥ 5000	34.2	78.2	80.6	82.4	83.1	83.4	83.9	84.0	84.1	84.2	84.4	84.4	84.4	84.5	84.5	84.6
≥ 4500	34.4	78.6	81.1	82.9	83.6	83.8	84.3	84.4	84.5	84.7	84.8	84.8	84.9	84.9	85.0	85.0
≥ 4000	34.7	79.6	82.1	84.0	84.7	84.9	85.5	85.5	85.6	85.8	86.0	86.0	86.0	86.0	86.1	86.1
≥ 3500	34.8	80.1	82.7	84.5	85.3	85.5	86.0	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.7
≥ 3000	35.1	81.3	83.9	85.7	86.6	86.8	87.4	87.5	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.2
≥ 2500	35.4	82.0	84.6	86.5	87.4	87.6	88.2	88.3	88.5	88.6	88.8	88.8	88.8	88.9	88.9	89.0
≥ 2000	35.4	82.8	85.5	87.4	88.4	88.6	89.2	89.4	89.5	89.7	89.9	89.9	89.9	90.0	90.0	90.1
≥ 1800	35.6	83.2	85.9	87.8	88.8	89.1	89.7	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.5	90.5
≥ 1500	35.6	83.8	86.6	88.7	89.8	90.0	90.7	90.9	91.0	91.2	91.4	91.4	91.4	91.5	91.5	91.6
≥ 1200	36.0	84.8	87.6	89.8	91.0	91.3	92.0	92.2	92.3	92.5	92.7	92.7	92.7	92.7	92.8	92.8
≥ 1000	36.2	85.6	88.6	90.8	92.1	92.3	93.0	93.3	93.4	93.6	93.8	93.8	93.8	93.8	93.9	94.0
≥ 900	36.3	86.1	89.2	91.4	92.7	92.9	93.6	93.8	94.0	94.2	94.3	94.3	94.4	94.4	94.5	94.5
≥ 800	36.3	86.9	90.2	92.5	93.8	94.0	94.7	95.0	95.1	95.3	95.5	95.5	95.5	95.5	95.6	95.7
≥ 700	36.4	87.5	91.0	93.3	94.6	94.9	95.6	95.8	96.0	96.2	96.3	96.3	96.4	96.4	96.5	96.5
≥ 600	36.4	88.0	91.5	93.9	95.1	95.5	96.3	96.5	96.7	96.9	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	36.5	88.4	92.2	94.6	96.0	96.3	97.3	97.6	97.8	98.1	98.4	98.4	98.4	98.5	98.5	98.6
≥ 400	36.5	88.5	92.4	94.8	96.2	96.5	97.5	97.9	98.0	98.4	98.7	98.7	98.7	98.8	98.8	98.9
≥ 300	36.5	88.5	92.4	94.8	96.3	96.7	97.9	98.3	98.5	98.9	99.2	99.2	99.2	99.3	99.3	99.4
≥ 200	36.5	88.5	92.4	94.8	96.3	96.7	97.9	98.3	98.6	99.1	99.4	99.4	99.5	99.5	99.6	99.8
≥ 100	36.5	88.5	92.4	94.8	96.3	96.7	97.9	98.3	98.6	99.1	99.4	99.4	99.5	99.6	99.7	99.9
≥ 0	36.5	88.5	92.4	94.8	96.3	96.7	97.9	98.3	98.6	99.1	99.4	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2599

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.8	61.8	62.5	63.1	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	36.3	69.1	70.0	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 18000	36.5	69.6	70.5	71.2	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	36.7	69.9	70.8	71.5	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	37.0	71.4	72.4	73.1	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	37.5	73.3	74.3	75.0	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 10000	38.4	75.6	76.6	77.4	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
≥ 9000	38.6	76.2	77.3	78.0	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
≥ 8000	39.0	78.2	79.3	80.1	80.5	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0
≥ 7000	39.3	79.1	80.3	81.1	81.6	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 6000	39.6	80.2	81.5	82.3	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 5000	40.4	81.9	83.3	84.2	84.6	84.6	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3
≥ 4500	40.5	82.1	83.5	84.3	84.8	84.8	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5
≥ 4000	41.2	83.5	85.1	86.0	86.5	86.5	86.9	86.9	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2
≥ 3500	41.6	84.9	86.5	87.5	88.0	88.0	88.4	88.5	88.5	88.6	88.6	88.6	88.7	88.8	88.8	88.8
≥ 3000	42.1	86.2	87.9	88.9	89.4	89.4	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.3	90.3	90.3
≥ 2500	42.3	87.0	88.7	89.7	90.4	90.4	90.9	91.0	91.1	91.2	91.2	91.2	91.3	91.4	91.4	91.4
≥ 2000	42.6	88.1	89.8	91.0	91.6	91.7	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.7	92.7	92.7
≥ 1800	42.8	88.4	90.2	91.4	92.0	92.1	92.6	92.7	92.8	92.9	92.9	92.9	93.0	93.1	93.1	93.1
≥ 1500	43.2	89.5	91.3	92.5	93.3	93.3	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.3	94.3	94.3
≥ 1200	43.5	90.1	92.1	93.3	94.1	94.2	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.2
≥ 1000	43.9	91.2	93.3	94.5	95.4	95.5	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.6	96.6	96.6
≥ 900	43.9	91.6	93.8	95.0	95.9	96.1	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.3	97.3	97.3
≥ 800	44.0	92.1	94.4	95.6	96.5	96.7	97.3	97.4	97.5	97.6	97.7	97.7	97.8	97.9	97.9	97.9
≥ 700	44.0	92.3	94.7	96.0	96.9	97.0	97.6	97.7	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3
≥ 600	44.0	92.3	94.9	96.2	97.2	97.3	98.0	98.1	98.3	98.5	98.7	98.7	98.8	98.9	98.9	98.9
≥ 500	44.0	92.4	95.0	96.3	97.4	97.6	98.4	98.7	98.9	99.2	99.3	99.3	99.4	99.5	99.5	99.5
≥ 400	44.0	92.4	95.0	96.3	97.5	97.7	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.8
≥ 300	44.0	92.4	95.0	96.3	97.5	97.7	98.5	98.9	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.8
≥ 200	44.0	92.4	95.0	96.3	97.5	97.7	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	44.0	92.4	95.0	96.3	97.5	97.7	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.9	100.0	100.0
≥ 0	44.0	92.4	95.0	96.3	97.5	97.7	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2594

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEAR

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.9	59.4	60.6	61.0	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 20000	34.3	68.9	70.5	71.1	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
IV 18000	34.5	69.1	70.7	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
IV 16000	34.5	69.5	71.1	71.7	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
IV 14000	35.1	70.7	72.3	73.0	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 12000	36.0	72.8	74.4	75.1	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
IV 10000	37.0	75.1	76.8	77.6	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	37.4	76.2	77.8	78.6	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6
IV 8000	37.8	77.9	79.8	80.7	81.3	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	38.4	79.0	80.8	81.8	82.3	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9
IV 6000	38.8	80.5	82.4	83.4	84.0	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5
IV 5000	39.7	82.5	84.5	85.4	86.0	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.7	86.7
IV 4500	39.9	83.1	85.1	86.0	86.7	86.8	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3
IV 4000	40.2	84.4	86.5	87.5	88.1	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.8
IV 3500	40.6	85.5	87.6	88.6	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.9	89.9
IV 3000	41.0	86.7	88.8	89.9	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.2	91.2
IV 2500	41.2	87.2	89.4	90.5	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.9	91.9
IV 2000	41.6	88.1	90.5	91.6	92.4	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.1	93.1
IV 1800	41.7	88.3	90.7	91.9	92.6	92.7	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.4	93.4
IV 1500	41.8	89.1	91.6	92.8	93.5	93.7	94.1	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.6	94.6
IV 1200	41.9	90.1	92.7	93.9	94.8	94.9	95.4	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.9	95.9
IV 1000	42.1	90.9	93.5	94.9	95.8	96.0	96.5	96.5	96.6	96.7	96.8	96.8	96.8	96.8	97.0	97.0
IV 900	42.1	91.1	93.6	95.0	95.9	96.1	96.6	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
IV 800	42.2	91.4	93.9	95.4	96.3	96.5	97.0	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6
IV 700	42.2	91.4	94.0	95.6	96.5	96.6	97.2	97.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	98.0
IV 600	42.2	91.6	94.2	95.8	96.6	96.8	97.4	97.6	97.6	97.9	98.1	98.1	98.2	98.2	98.3	98.3
IV 500	42.2	91.6	94.3	96.0	97.0	97.1	97.8	98.1	98.2	98.6	98.8	98.8	98.9	98.9	99.1	99.1
IV 400	42.2	91.7	94.4	96.1	97.2	97.4	98.1	98.4	98.5	98.8	99.1	99.1	99.2	99.2	99.3	99.3
IV 300	42.2	91.7	94.4	96.1	97.2	97.5	98.2	98.5	98.6	99.1	99.3	99.3	99.4	99.4	99.6	99.6
IV 200	42.2	91.7	94.4	96.2	97.2	97.5	98.3	98.6	98.7	99.2	99.5	99.5	99.6	99.6	99.8	99.8
IV 100	42.2	91.7	94.4	96.2	97.2	97.5	98.3	98.6	98.7	99.2	99.5	99.5	99.7	99.7	99.9	100.0
IV 0	42.2	91.7	94.4	96.2	97.2	97.5	98.3	98.6	98.7	99.2	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2594

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	22.4	60.1	63.3	64.9	66.1	66.2	66.6	66.8	66.8	67.1	67.1	67.1	67.3	67.3	67.4	67.4
≥ 20000	23.6	65.0	68.5	70.1	71.5	71.6	72.1	72.3	72.3	72.5	72.6	72.6	72.8	72.8	72.9	72.9
IV 18000	23.7	65.4	68.8	70.5	71.9	71.9	72.4	72.6	72.7	72.9	73.0	73.0	73.1	73.2	73.3	73.3
IV 16000	23.7	65.6	69.1	70.7	72.1	72.2	72.7	72.9	72.9	73.1	73.2	73.2	73.4	73.4	73.5	73.5
IV 14000	24.0	66.9	70.4	72.1	73.5	73.6	74.1	74.3	74.3	74.5	74.6	74.6	74.8	74.8	74.9	74.9
IV 12000	24.7	69.0	72.5	74.2	75.7	75.7	76.2	76.4	76.5	76.7	76.8	76.8	77.0	77.0	77.1	77.1
IV 10000	24.9	71.1	74.8	76.5	77.9	78.0	78.5	78.7	78.8	79.0	79.1	79.1	79.3	79.3	79.4	79.4
IV 9000	25.2	72.0	75.7	77.5	78.9	79.0	79.5	79.7	79.7	80.0	80.0	80.0	80.2	80.3	80.3	80.3
IV 8000	25.7	73.5	77.2	79.1	80.5	80.6	81.1	81.3	81.3	81.5	81.6	81.6	81.8	81.8	81.9	81.9
IV 7000	26.2	75.1	78.9	80.8	82.3	82.4	82.9	83.1	83.2	83.4	83.5	83.5	83.7	83.7	83.9	83.9
IV 6000	26.3	75.8	79.9	81.8	83.2	83.3	83.9	84.1	84.1	84.4	84.4	84.4	84.6	84.7	84.8	84.9
IV 5000	26.7	76.7	80.9	82.8	84.3	84.4	85.0	85.2	85.3	85.5	85.6	85.6	85.8	85.8	86.0	86.0
IV 4500	26.9	77.2	81.4	83.3	84.9	84.9	85.6	85.8	85.8	86.0	86.1	86.1	86.3	86.3	86.5	86.5
IV 4000	27.2	78.8	83.1	85.2	86.7	86.8	87.4	87.6	87.7	87.9	88.0	88.0	88.2	88.2	88.4	88.4
IV 3500	27.4	79.5	83.9	86.0	87.5	87.6	88.2	88.4	88.5	88.7	88.8	88.8	89.0	89.0	89.2	89.2
IV 3000	27.6	80.5	85.0	87.1	88.7	88.8	89.4	89.6	89.7	89.9	90.0	90.0	90.2	90.2	90.4	90.4
IV 2500	27.6	81.2	85.7	88.0	89.7	89.8	90.4	90.6	90.6	90.9	90.9	90.9	91.1	91.2	91.3	91.4
IV 2000	27.9	82.4	87.0	89.4	91.2	91.3	91.9	92.1	92.1	92.4	92.5	92.5	92.6	92.7	92.8	92.9
IV 1800	27.9	82.7	87.4	89.8	91.7	91.8	92.5	92.6	92.7	92.9	93.0	93.0	93.2	93.2	93.4	93.4
IV 1500	27.9	83.2	87.9	90.3	92.3	92.4	93.1	93.3	93.3	93.6	93.7	93.7	93.9	93.9	94.1	94.1
IV 1200	28.0	83.8	88.7	91.1	93.3	93.5	94.3	94.6	94.6	95.0	95.0	95.0	95.3	95.3	95.5	95.5
IV 1000	28.0	84.4	89.3	92.0	94.2	94.4	95.3	95.5	95.5	95.9	96.0	96.0	96.2	96.2	96.4	96.4
IV 900	28.0	84.5	89.4	92.1	94.3	94.5	95.4	95.6	95.7	96.1	96.2	96.2	96.4	96.4	96.6	96.6
IV 800	28.0	84.6	89.6	92.3	94.7	94.9	95.8	96.1	96.1	96.5	96.6	96.6	96.9	96.9	97.1	97.1
IV 700	28.0	84.7	89.7	92.5	95.0	95.2	96.2	96.4	96.5	96.9	97.0	97.0	97.2	97.3	97.4	97.4
IV 600	28.0	84.7	89.7	92.5	95.1	95.3	96.2	96.4	96.6	97.0	97.1	97.1	97.3	97.4	97.5	97.6
IV 500	28.0	84.8	89.9	92.8	95.7	95.9	96.9	97.1	97.3	97.6	97.8	97.8	98.0	98.1	98.2	98.3
IV 400	28.0	84.9	90.0	93.0	95.9	96.1	97.1	97.3	97.5	97.9	98.1	98.2	98.4	98.5	98.6	98.6
IV 300	28.0	85.0	90.2	93.2	96.2	96.4	97.5	97.8	98.0	98.7	98.9	98.9	99.2	99.3	99.4	99.5
IV 200	28.0	85.0	90.2	93.2	96.2	96.4	97.5	97.9	98.0	98.7	98.9	99.0	99.3	99.3	99.5	99.6
IV 100	28.0	85.0	90.2	93.2	96.2	96.4	97.6	97.9	98.1	98.8	99.0	99.0	99.4	99.4	99.7	99.7
IV 0	28.0	85.0	90.2	93.2	96.2	96.4	97.6	97.9	98.1	98.8	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2584

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-40,49-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.6	58.2	61.9	64.3	65.9	66.2	67.7	68.1	68.2	68.7	69.2	69.2	69.5	69.6	69.8	69.9
≥ 20000	19.4	61.9	65.8	68.3	69.9	70.2	71.7	72.2	72.3	72.8	73.3	73.3	73.6	73.8	73.9	74.1
W 18000	19.4	62.0	65.9	68.5	70.1	70.4	71.9	72.3	72.4	72.9	73.4	73.5	73.8	73.9	74.1	74.2
W 16000	19.4	62.3	66.2	68.7	70.3	70.6	72.1	72.6	72.6	73.1	73.7	73.7	74.0	74.1	74.3	74.5
W 14000	19.5	62.9	66.9	69.5	71.1	71.4	72.9	73.4	73.4	74.0	74.5	74.6	74.9	75.0	75.2	75.3
W 12000	20.0	64.7	68.7	71.3	73.0	73.3	74.8	75.3	75.3	75.9	76.5	76.5	76.8	76.9	77.1	77.2
W 10000	20.3	67.0	71.1	73.7	75.4	75.7	77.3	77.7	77.8	78.4	79.0	79.0	79.3	79.4	79.6	79.7
W 9000	20.4	67.9	71.9	74.6	76.3	76.6	78.2	78.6	78.7	79.3	79.9	79.9	80.2	80.3	80.5	80.6
W 8000	20.7	69.5	73.7	76.3	78.0	78.3	79.9	80.3	80.5	81.0	81.6	81.6	81.9	82.1	82.2	82.4
W 7000	20.9	71.1	75.3	77.9	79.7	80.0	81.6	82.1	82.2	82.8	83.3	83.4	83.7	83.8	84.0	84.1
W 6000	21.0	72.1	76.3	79.0	80.7	81.0	82.7	83.1	83.2	83.8	84.4	84.4	84.7	84.8	85.0	85.1
W 5000	21.3	73.2	77.5	80.2	82.0	82.4	84.0	84.4	84.6	85.2	85.7	85.8	86.1	86.2	86.4	86.5
W 4500	21.4	73.8	78.1	80.9	82.8	83.1	84.8	85.2	85.4	86.0	86.5	86.5	86.8	87.0	87.1	87.3
W 4000	21.7	75.0	79.4	82.2	84.2	84.6	86.3	86.7	86.8	87.4	88.0	88.0	88.3	88.4	88.6	88.8
W 3500	21.8	75.8	80.2	83.1	85.1	85.5	87.2	87.6	87.8	88.3	88.9	88.9	89.2	89.3	89.5	89.8
W 3000	22.0	76.5	80.9	83.8	85.9	86.3	88.0	88.4	88.5	89.1	89.7	89.7	90.0	90.1	90.3	90.5
W 2500	22.1	77.4	81.9	84.8	87.0	87.3	89.0	89.4	89.6	90.2	90.7	90.8	91.1	91.2	91.4	91.6
W 2000	22.3	78.3	82.9	86.0	88.1	88.5	90.3	90.7	90.9	91.5	92.0	92.0	92.4	92.5	92.7	92.9
W 1800	22.3	78.5	83.2	86.2	88.3	88.7	90.5	90.9	91.1	91.7	92.2	92.3	92.6	92.7	92.9	93.1
W 1500	22.5	79.2	83.9	87.0	89.1	89.5	91.3	91.7	91.9	92.5	93.1	93.1	93.4	93.5	93.7	94.0
W 1200	22.5	79.8	84.6	87.8	90.1	90.5	92.3	92.8	92.9	93.6	94.1	94.1	94.4	94.6	94.8	95.0
W 1000	22.5	80.4	85.3	88.6	90.9	91.2	93.1	93.6	93.7	94.4	94.9	95.0	95.3	95.4	95.6	95.9
W 900	22.5	80.6	85.6	88.9	91.2	91.5	93.6	94.0	94.2	94.8	95.3	95.4	95.7	95.8	96.1	96.3
W 800	22.5	80.7	85.7	89.1	91.4	91.8	93.8	94.3	94.4	95.1	95.6	95.7	96.0	96.1	96.3	96.6
W 700	22.5	80.7	85.8	89.3	91.7	92.1	94.2	94.7	94.8	95.4	96.0	96.1	96.4	96.5	96.7	97.0
W 600	22.5	80.9	86.1	89.7	92.1	92.6	94.6	95.1	95.3	95.9	96.4	96.5	96.8	96.9	97.1	97.4
W 500	22.5	81.0	86.5	90.3	92.9	93.3	95.4	95.9	96.1	96.7	97.3	97.3	97.8	97.9	98.1	98.3
W 400	22.5	81.2	86.6	90.4	93.0	93.5	95.6	96.1	96.3	97.0	97.5	97.6	98.0	98.1	98.4	98.6
W 300	22.5	81.2	86.7	90.5	93.2	93.7	95.9	96.4	96.6	97.4	97.9	98.0	98.4	98.5	98.8	99.0
W 200	22.5	81.2	86.7	90.5	93.3	93.8	96.1	96.6	96.8	97.6	98.2	98.3	98.7	98.9	99.2	99.4
W 100	22.5	81.2	86.7	90.5	93.3	93.8	96.1	96.6	96.8	97.6	98.2	98.3	98.8	99.0	99.3	99.7
W 0	22.5	81.2	86.7	90.5	93.3	93.8	96.1	96.6	96.8	97.6	98.3	98.3	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2591

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	17.3	52.7	55.7	57.8	59.7	59.9	61.1	61.4	61.4	61.8	62.1	62.1	62.8	63.1	63.6	64.7
IV 20000	18.0	55.6	59.0	61.1	63.2	63.4	64.5	64.8	64.9	65.3	65.6	65.6	66.3	66.6	67.1	68.2
IV 18000	18.0	55.9	59.3	61.5	63.5	63.7	64.8	65.1	65.2	65.6	65.9	65.9	66.6	66.9	67.4	68.5
IV 16000	18.0	56.1	59.5	61.7	63.8	64.0	65.1	65.4	65.5	65.9	66.2	66.2	66.9	67.1	67.7	68.8
IV 14000	18.2	57.0	60.5	62.7	64.9	65.1	66.2	66.5	66.6	67.0	67.3	67.3	68.0	68.3	68.8	69.9
IV 12000	18.6	58.5	62.0	64.5	66.7	66.9	68.0	68.3	68.4	68.8	69.1	69.1	69.8	70.1	70.6	71.7
IV 10000	19.3	60.5	64.3	66.8	69.0	69.2	70.4	70.7	70.8	71.2	71.6	71.6	72.3	72.5	73.1	74.1
IV 9000	19.3	60.8	64.6	67.1	69.4	69.6	70.8	71.1	71.2	71.6	71.9	71.9	72.6	72.9	73.4	74.5
IV 8000	19.6	62.0	65.9	68.5	70.8	71.0	72.2	72.5	72.6	73.1	73.4	73.4	74.1	74.4	74.9	76.0
IV 7000	19.8	63.6	67.6	70.2	72.7	72.9	74.1	74.4	74.5	75.0	75.4	75.4	76.1	76.3	76.9	77.9
IV 6000	20.1	65.0	69.1	71.8	74.3	74.5	75.7	76.1	76.2	76.6	77.0	77.0	77.8	78.1	78.7	79.7
IV 5000	20.5	66.2	70.6	73.3	75.9	76.1	77.3	77.7	77.7	78.2	78.6	78.6	79.4	79.6	80.2	81.3
IV 4500	20.5	66.8	71.1	73.9	76.5	76.7	77.9	78.2	78.3	78.8	79.2	79.2	79.9	80.2	80.8	81.9
IV 4000	20.6	67.6	72.2	75.2	77.9	78.1	79.4	79.7	79.8	80.3	80.7	80.7	81.4	81.7	82.3	83.4
IV 3500	20.6	68.3	72.9	76.0	78.8	79.0	80.3	80.6	80.7	81.2	81.6	81.6	82.4	82.6	83.3	84.4
IV 3000	20.7	69.3	74.1	77.4	80.2	80.4	81.7	82.0	82.1	82.6	83.0	83.0	83.8	84.1	84.7	85.8
IV 2500	20.7	70.4	75.4	78.9	81.9	82.1	83.4	83.7	83.8	84.3	84.7	84.7	85.5	85.8	86.4	87.5
IV 2000	20.9	71.3	76.3	80.0	83.1	83.3	84.6	84.9	85.0	85.6	86.0	86.0	86.8	87.1	87.7	88.8
IV 1800	20.9	71.6	76.7	80.4	83.5	83.7	85.0	85.4	85.4	86.0	86.4	86.4	87.2	87.5	88.2	89.2
IV 1500	20.9	71.9	77.1	80.9	84.1	84.3	85.5	85.9	86.0	86.7	87.1	87.1	87.9	88.2	88.9	89.9
IV 1200	20.9	72.5	77.8	81.5	84.9	85.1	86.4	86.8	86.9	87.6	88.0	88.0	88.9	89.1	89.8	90.9
IV 1000	20.9	73.1	78.6	82.4	86.0	86.2	87.7	88.1	88.2	89.0	89.5	89.5	90.3	90.6	91.2	92.3
IV 900	20.9	73.4	78.9	82.8	86.4	86.6	88.1	88.5	88.6	89.5	90.0	90.0	90.8	91.1	91.7	92.8
IV 800	20.9	73.6	79.2	83.1	86.7	87.0	88.5	89.0	89.0	90.0	90.5	90.5	91.3	91.6	92.2	93.3
IV 700	20.9	73.8	79.5	83.5	87.3	87.6	89.2	89.6	89.7	90.7	91.2	91.2	92.0	92.3	93.0	94.0
IV 600	20.9	74.0	79.8	83.9	88.1	88.4	90.0	90.5	90.6	91.5	92.0	92.0	93.0	93.3	94.0	95.0
IV 500	20.9	74.1	79.9	84.2	88.4	88.6	90.3	90.8	90.9	91.8	92.4	92.4	93.4	93.7	94.4	95.5
IV 400	20.9	74.1	80.4	84.7	89.0	89.3	91.3	91.9	92.0	93.0	93.5	93.5	94.5	94.9	95.6	96.7
IV 300	20.9	74.1	80.4	84.8	89.5	89.7	91.9	92.5	92.6	93.6	94.3	94.3	95.3	95.7	96.5	97.6
IV 200	20.9	74.1	80.4	84.9	89.7	90.0	92.2	92.9	93.0	94.1	94.9	94.9	96.0	96.3	97.2	98.3
IV 100	20.9	74.1	80.4	84.9	89.7	90.0	92.2	93.0	93.1	94.4	95.1	95.2	96.4	96.8	97.8	99.0
IV 0	20.9	74.1	80.4	84.9	89.7	90.0	92.2	93.0	93.1	94.4	95.2	95.2	96.4	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2602

USAF ETAC

FORM
JUL 64

0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.7	49.3	52.4	54.7	56.2	56.5	57.9	58.3	58.3	58.8	59.2	59.2	59.6	60.0	60.8	62.1
W 20000	15.5	52.8	55.9	58.2	59.9	60.1	61.6	62.0	62.0	62.5	62.9	62.9	63.3	63.7	64.5	65.8
W 18000	15.6	53.3	56.5	58.8	60.4	60.7	62.1	62.5	62.6	63.0	63.4	63.4	63.8	64.2	65.0	66.4
W 16000	15.6	53.4	56.6	59.0	60.6	60.9	62.3	62.7	62.8	63.2	63.6	63.6	64.0	64.4	65.2	66.6
W 14000	15.8	54.1	57.4	59.9	61.6	61.8	63.3	63.7	63.7	64.2	64.5	64.5	65.0	65.4	66.2	67.5
W 12000	16.1	55.1	58.7	61.3	63.0	63.3	64.8	65.2	65.2	65.7	66.1	66.1	66.6	67.0	67.8	69.1
W 10000	16.7	57.1	60.9	63.5	65.3	65.5	67.0	67.4	67.4	67.9	68.4	68.4	68.8	69.2	70.0	71.4
W 9000	16.8	57.8	61.6	64.2	66.1	66.4	67.9	68.3	68.3	68.8	69.3	69.3	69.7	70.1	71.0	72.3
W 8000	17.0	59.2	63.2	65.9	67.8	68.1	69.6	69.9	70.0	70.6	71.1	71.1	71.5	71.9	72.7	74.1
W 7000	17.1	60.4	64.7	67.5	69.5	69.8	71.3	71.7	71.8	72.3	72.9	72.9	73.3	73.7	74.5	75.9
W 6000	17.3	61.7	66.2	69.0	71.1	71.3	72.9	73.3	73.3	73.9	74.4	74.4	74.9	75.3	76.1	77.4
W 5000	17.5	63.3	67.9	70.8	73.0	73.2	74.8	75.2	75.2	75.9	76.4	76.4	76.8	77.2	78.1	79.4
W 4500	17.5	63.9	68.6	71.5	73.7	74.0	75.6	76.0	76.0	76.6	77.2	77.2	77.6	78.0	78.8	80.2
W 4000	17.7	64.8	69.6	72.6	74.8	75.1	76.7	77.1	77.1	77.8	78.3	78.3	78.7	79.1	80.0	81.3
W 3500	17.7	65.6	70.4	73.5	75.9	76.1	77.8	78.2	78.3	78.9	79.4	79.4	79.8	80.3	81.1	82.4
W 3000	17.8	66.8	71.8	75.2	77.6	77.8	79.5	79.9	80.0	80.6	81.2	81.2	81.6	82.0	82.8	84.2
W 2500	17.8	67.5	72.7	76.1	78.6	78.8	80.5	80.9	81.0	81.6	82.2	82.2	82.6	83.0	83.8	85.2
W 2000	17.9	68.6	73.9	77.4	80.0	80.2	81.9	82.3	82.4	83.0	83.6	83.6	84.0	84.4	85.2	86.6
W 1800	18.0	69.0	74.3	77.8	80.3	80.6	82.3	82.7	82.8	83.4	84.0	84.0	84.4	84.8	85.6	87.0
W 1500	18.0	69.6	75.0	78.5	81.2	81.5	83.2	83.7	83.8	84.4	85.0	85.0	85.4	85.8	86.6	88.0
W 1200	18.0	70.3	75.8	79.4	82.3	82.5	84.3	84.9	85.0	85.6	86.2	86.2	86.6	87.1	87.9	89.2
W 1000	18.0	70.9	76.6	80.3	83.4	83.7	85.6	86.2	86.2	87.1	87.6	87.6	88.1	88.5	89.3	90.7
W 900	18.0	71.2	77.1	80.8	83.9	84.2	86.1	86.8	86.8	87.7	88.3	88.3	88.7	89.1	89.9	91.3
W 800	18.0	71.6	77.6	81.4	84.8	85.1	87.0	87.7	87.8	88.7	89.3	89.3	89.7	90.2	91.0	92.3
W 700	18.0	71.9	78.0	82.2	85.6	86.0	87.9	88.5	88.6	89.7	90.3	90.3	90.8	91.2	92.0	93.4
W 600	18.0	72.0	78.2	82.5	86.1	86.3	88.5	89.1	89.2	90.4	91.0	91.0	91.5	92.0	92.9	94.2
W 500	18.0	72.3	78.6	83.0	86.8	87.2	89.2	89.8	90.0	91.2	91.8	91.8	92.4	92.9	93.7	95.0
W 400	18.0	72.4	78.8	83.4	87.4	87.8	89.9	90.6	90.7	92.0	92.6	92.6	93.3	93.8	94.6	96.0
W 300	18.0	72.4	78.9	83.9	87.9	88.5	90.8	91.5	91.7	92.9	93.6	93.6	94.3	94.9	95.7	97.0
W 200	18.0	72.4	78.9	83.9	88.1	88.7	91.2	92.1	92.2	93.7	94.4	94.4	95.1	95.6	96.5	97.8
W 100	18.0	72.4	78.9	83.9	88.1	88.7	91.2	92.2	92.3	93.9	94.6	94.7	95.6	96.2	97.2	98.7
W 0	18.0	72.4	78.9	83.9	88.1	88.7	91.2	92.2	92.3	94.1	94.8	94.9	95.8	96.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2589

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	< 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	15.6	44.9	47.3	48.6	50.3	50.5	51.3	51.8	52.0	52.4	52.6	52.7	53.1	53.3	53.7	54.8
IV 18000	17.1	48.9	51.8	53.3	55.1	55.3	56.2	56.9	57.1	57.5	57.8	57.8	58.3	58.5	58.9	60.1
IV 16000	17.1	49.2	52.1	53.6	55.4	55.6	56.5	57.2	57.4	57.8	58.1	58.1	58.6	58.8	59.2	60.4
IV 14000	17.3	50.5	53.4	54.9	56.7	56.9	57.9	58.6	58.8	59.2	59.4	59.5	60.0	60.2	60.6	61.7
IV 12000	17.8	52.0	55.1	56.7	58.6	58.7	59.7	60.4	60.6	61.0	61.3	61.3	61.8	62.1	62.5	63.6
IV 10000	18.1	54.1	57.6	59.3	61.3	61.5	62.5	63.1	63.4	63.8	64.1	64.1	64.7	64.9	65.4	66.6
IV 9000	18.6	54.8	58.4	60.1	62.1	62.3	63.3	64.0	64.2	64.7	65.0	65.0	65.6	65.8	66.2	67.4
IV 8000	19.1	56.7	60.8	62.7	64.8	65.0	66.1	66.8	67.1	67.5	67.8	67.8	68.4	68.6	69.1	70.3
IV 7000	19.3	58.4	62.7	64.7	66.8	67.1	68.2	69.0	69.2	69.7	70.0	70.0	70.6	70.8	71.3	72.5
IV 6000	19.6	60.0	64.6	66.5	68.7	68.9	70.0	70.8	71.1	71.6	71.9	71.9	72.5	72.7	73.2	74.4
IV 5000	20.2	61.4	66.1	68.1	70.5	70.7	71.9	72.7	73.0	73.5	73.8	73.8	74.4	74.6	75.1	76.3
IV 4500	20.2	61.8	66.5	68.6	70.9	71.2	72.3	73.2	73.5	74.0	74.3	74.3	74.9	75.1	75.6	76.9
IV 4000	20.5	62.8	67.7	69.9	72.3	72.5	73.8	74.7	74.9	75.4	75.8	75.8	76.5	76.7	77.2	78.4
IV 3500	21.0	64.0	69.0	71.2	73.9	74.1	75.4	76.3	76.6	77.1	77.4	77.5	78.1	78.3	78.8	80.1
IV 3000	21.1	65.0	70.0	72.2	74.9	75.2	76.5	77.4	77.7	78.2	78.6	78.6	79.2	79.5	80.0	81.2
IV 2500	21.3	65.9	70.9	73.3	76.1	76.5	77.8	78.8	79.1	79.6	80.0	80.0	80.6	80.9	81.3	82.6
IV 2000	21.5	67.0	72.2	74.6	77.7	78.0	79.5	80.5	80.7	81.3	81.7	81.7	82.4	82.6	83.1	84.4
IV 1800	21.6	67.1	72.3	74.8	78.0	78.3	79.9	80.9	81.1	81.7	82.1	82.1	82.7	83.0	83.5	84.7
IV 1500	21.6	68.0	73.2	75.8	79.2	79.6	81.3	82.3	82.6	83.1	83.5	83.5	84.2	84.4	84.9	86.2
IV 1200	21.6	68.8	74.2	76.9	80.4	80.7	82.5	83.6	83.9	84.5	84.9	84.9	85.6	85.8	86.3	87.6
IV 1000	21.6	69.5	75.1	77.8	81.3	81.7	83.6	84.7	85.0	85.7	86.1	86.1	86.8	87.0	87.5	88.8
IV 900	21.6	69.9	75.5	78.1	81.8	82.2	84.1	85.3	85.6	86.2	86.6	86.6	87.3	87.5	88.0	89.3
IV 800	21.7	70.3	75.9	78.9	82.7	83.1	85.2	86.5	86.8	87.5	87.9	88.0	88.7	88.9	89.4	90.7
IV 700	21.7	70.6	76.6	79.7	83.6	84.0	86.1	87.5	87.8	88.5	88.9	89.0	89.6	89.9	90.4	91.6
IV 600	21.8	71.0	77.2	80.4	84.6	85.2	87.3	88.8	89.1	89.9	90.3	90.3	91.0	91.2	91.7	93.0
IV 500	21.8	71.2	77.5	81.0	85.2	85.8	88.0	89.4	89.8	90.6	91.0	91.0	91.7	91.9	92.4	93.7
IV 400	21.8	71.3	77.7	81.2	85.7	86.3	88.7	90.2	90.5	91.5	91.9	91.9	92.7	92.9	93.4	94.6
IV 300	21.8	71.4	77.9	81.5	86.2	86.8	89.5	91.3	91.7	92.8	93.3	93.3	94.2	94.4	95.0	96.3
IV 200	21.8	71.4	77.9	81.5	86.2	86.9	89.6	91.5	91.9	93.2	93.9	93.9	94.8	95.1	95.8	97.2
IV 100	21.8	71.4	77.9	81.5	86.3	86.9	89.7	91.6	92.1	93.4	94.1	94.2	95.3	95.6	96.8	98.6
IV 0	21.8	71.4	77.9	81.5	86.3	86.9	89.7	91.6	92.1	93.4	94.2	94.3	95.5	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2654

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.9	48.2	50.3	51.1	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.6
≥ 20000	25.5	54.4	56.7	57.7	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.4	59.4
VV 18000	25.7	55.1	57.4	58.4	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	60.0	60.1
VV 16000	25.8	55.5	57.9	58.9	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6
VV 14000	26.1	56.7	59.1	60.1	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.8	61.8
VV 12000	26.6	58.5	61.0	62.1	63.3	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9
VV 10000	27.5	61.0	63.6	64.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.6	66.6
VV 9000	27.7	61.8	64.6	65.8	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.7
VV 8000	28.3	63.9	67.0	68.4	69.7	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.7	70.7
VV 7000	28.7	65.7	68.8	70.3	71.8	72.0	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.9	72.9
VV 6000	29.3	67.8	71.0	72.5	74.0	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	75.1	75.1
VV 5000	30.0	69.3	72.6	74.2	75.8	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.8	76.9
VV 4500	30.1	69.7	72.9	74.6	76.1	76.4	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.3	77.4
VV 4000	30.4	70.8	74.2	75.9	77.5	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.7	78.7
VV 3500	31.0	72.0	75.5	77.3	78.9	79.2	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1
VV 3000	31.2	72.7	76.3	78.1	79.7	80.0	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	81.1	81.1
VV 2500	31.3	73.4	77.1	79.1	80.8	81.1	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.2	82.3
VV 2000	31.7	74.9	78.7	80.7	82.5	82.8	83.4	83.6	83.7	83.7	83.7	83.7	83.8	83.8	84.1	84.1
VV 1800	31.7	75.3	79.1	81.2	83.2	83.5	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.9	84.9
VV 1500	32.0	76.5	80.4	82.6	84.7	85.0	85.8	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.5	86.6
VV 1200	32.1	77.4	81.4	83.7	85.8	86.2	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.8	87.9
VV 1000	32.2	78.0	82.3	84.8	87.1	87.5	88.4	88.7	88.8	88.8	88.8	88.8	88.8	89.1	89.4	89.4
VV 900	32.2	78.4	82.7	85.3	87.7	88.1	89.0	89.3	89.3	89.4	89.5	89.5	89.7	89.7	90.0	90.0
VV 800	32.2	79.0	83.5	86.2	88.8	89.3	90.3	90.6	90.6	90.9	90.9	90.9	91.1	91.1	91.4	91.4
VV 700	32.3	79.4	84.2	87.0	89.6	90.1	91.1	91.6	91.6	91.8	91.9	91.9	92.1	92.1	92.4	92.4
VV 600	32.4	80.0	84.9	88.0	90.9	91.4	92.6	93.1	93.2	93.5	93.5	93.5	93.7	93.7	94.0	94.0
VV 500	32.4	80.4	85.5	88.7	92.0	92.5	93.8	94.4	94.5	94.8	94.8	94.8	95.1	95.1	95.4	95.4
VV 400	32.5	80.5	85.7	89.0	92.5	93.1	94.7	95.5	95.6	96.0	96.2	96.2	96.5	96.5	96.8	96.8
VV 300	32.5	80.6	85.8	89.3	92.9	93.5	95.3	96.2	96.4	97.1	97.3	97.3	97.8	97.8	98.1	98.3
VV 200	32.5	80.6	85.8	89.3	92.9	93.5	95.4	96.2	96.5	97.2	97.6	97.6	98.2	98.3	98.7	98.9
VV 100	32.5	80.6	85.8	89.3	92.9	93.5	95.4	96.2	96.5	97.3	97.7	97.7	98.4	98.5	99.1	99.4
VV 0	32.5	80.6	85.8	89.3	92.9	93.5	95.4	96.2	96.5	97.4	97.7	97.7	98.5	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2689

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46,49-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.0	51.9	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	30.8	60.6	61.6	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	31.0	61.3	62.4	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	31.1	61.7	62.8	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	31.4	62.3	63.5	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	32.0	64.6	65.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	32.8	67.1	68.6	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	33.0	67.9	69.5	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	33.4	69.8	71.6	72.3	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	33.6	71.3	73.2	74.1	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	34.4	73.1	75.2	76.1	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	34.8	74.4	76.6	77.7	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	35.0	74.9	77.1	78.2	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	35.3	76.0	78.3	79.5	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	35.7	77.0	79.5	80.6	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	36.4	78.7	81.3	82.5	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	36.6	79.7	82.4	83.7	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	37.0	81.3	84.0	85.4	86.5	86.6	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	37.2	81.7	84.4	85.8	86.8	87.0	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	37.5	82.7	85.7	87.2	88.2	88.4	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	37.8	84.0	87.2	88.6	89.9	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	38.1	85.3	88.4	89.9	91.3	91.6	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	38.1	85.7	88.9	90.5	92.0	92.2	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	38.3	86.2	89.6	91.3	92.9	93.2	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	38.4	86.4	90.0	91.7	93.4	93.6	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	38.5	86.9	90.6	92.5	94.5	94.8	95.5	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	38.5	87.3	91.1	93.3	95.4	95.7	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	38.5	87.3	91.3	93.6	96.0	96.4	97.6	98.2	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	38.5	87.3	91.3	93.6	96.2	96.6	98.0	98.6	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	38.5	87.3	91.3	93.6	96.2	96.6	98.0	98.7	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	38.5	87.3	91.3	93.6	96.2	96.6	98.0	98.7	99.0	99.6	99.7	99.7	99.8	99.9	99.9	100.0
≥ 0	38.5	87.3	91.3	93.6	96.2	96.6	98.0	98.7	99.0	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

1500-1700
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.1	53.0	53.8	54.4	54.9	55.0	55.6	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
≥ 20000	30.9	60.9	62.0	62.8	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.7
IV IV	31.4	61.8	63.0	63.7	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.7
IV IV	31.5	62.0	63.1	63.9	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.9
IV IV	32.2	63.4	64.6	65.5	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.4
IV IV	32.9	65.3	66.6	67.5	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5
IV IV	33.8	67.9	69.5	70.4	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4
IV IV	34.3	69.0	70.6	71.5	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5
IV IV	35.0	70.9	72.6	73.6	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.7
IV IV	35.2	72.5	74.3	75.5	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
IV IV	35.6	73.6	75.5	76.7	77.6	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.1
IV IV	36.5	75.6	77.8	79.0	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6
IV IV	36.6	75.9	78.2	79.4	80.4	80.5	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0
IV IV	37.0	77.5	79.9	81.2	82.2	82.3	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8
IV IV	37.3	78.4	80.8	82.2	83.2	83.4	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.9
IV IV	37.7	79.9	82.4	83.8	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6
IV IV	38.0	80.5	83.1	84.5	85.7	85.9	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.6	86.6	86.6
IV IV	38.2	81.5	84.1	85.7	87.1	87.3	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2
IV IV	38.3	81.6	84.2	85.8	87.2	87.5	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV IV	38.6	82.7	85.4	87.1	88.6	88.9	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV IV	38.7	83.6	86.4	88.3	89.9	90.2	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.4
IV IV	38.8	84.3	87.5	89.4	91.2	91.5	92.3	92.5	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0
IV IV	38.9	84.6	87.9	89.9	91.7	92.0	92.9	93.1	93.2	93.4	93.4	93.5	93.6	93.6	93.6	93.6
IV IV	38.9	84.9	88.3	90.3	92.3	92.7	93.6	94.0	94.0	94.3	94.3	94.4	94.5	94.5	94.5	94.6
IV IV	39.0	85.0	88.5	90.7	92.8	93.1	94.2	94.5	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.2
IV IV	39.1	85.3	88.9	91.1	93.5	93.9	95.2	95.6	95.6	95.9	96.0	96.1	96.2	96.2	96.2	96.3
IV IV	39.1	85.6	89.3	91.7	94.3	94.6	96.0	96.5	96.7	97.1	97.3	97.3	97.5	97.5	97.5	97.6
IV IV	39.1	85.6	89.4	91.8	94.6	94.9	96.5	97.2	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.4
IV IV	39.1	85.7	89.5	91.9	94.8	95.2	96.9	97.6	97.8	98.4	98.5	98.6	98.8	98.8	98.9	99.0
IV IV	39.1	85.7	89.5	92.0	94.8	95.2	97.0	97.8	98.0	98.5	98.8	98.9	99.3	99.3	99.4	99.5
IV IV	39.1	85.7	89.5	92.0	94.8	95.2	97.0	97.8	98.1	98.7	99.0	99.0	99.6	99.6	99.7	99.9
IV IV	39.1	85.7	89.5	92.0	94.8	95.2	97.0	97.8	98.1	98.7	99.0	99.0	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

42-46,49-72

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS, EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	22.3	54.9	56.4	58.1	59.2	59.4	59.7	59.8	59.8	60.1	60.3	60.3	60.3	60.3	60.4	60.4
≥ 7000	24.0	59.4	61.2	63.1	64.2	64.4	64.7	64.8	64.8	65.1	65.3	65.3	65.4	65.4	65.5	65.6
IN 18000	24.2	59.8	61.6	63.5	64.6	64.8	65.1	65.2	65.3	65.6	65.7	65.7	65.8	65.9	65.9	66.0
IN 16000	24.2	60.0	61.9	63.7	64.9	65.2	65.6	65.7	65.7	66.0	66.2	66.2	66.2	66.3	66.4	66.5
IN 14000	24.8	61.5	63.5	65.4	66.6	67.0	67.3	67.4	67.4	67.7	67.9	67.9	68.0	68.0	68.1	68.2
IN 12000	25.2	62.8	64.8	66.8	68.1	68.5	68.8	68.9	68.9	69.2	69.4	69.4	69.5	69.5	69.6	69.7
IN 10000	26.2	65.5	67.6	69.6	70.9	71.3	71.6	71.7	71.7	72.0	72.2	72.2	72.3	72.3	72.4	72.5
IN 9000	26.5	66.3	68.5	70.5	71.9	72.3	72.7	72.8	72.8	73.2	73.4	73.4	73.5	73.5	73.6	73.7
IN 8000	26.6	67.8	70.2	72.4	73.8	74.2	74.6	74.7	74.8	75.2	75.3	75.3	75.4	75.5	75.5	75.6
IN 7000	26.9	69.2	71.8	74.2	75.7	76.1	76.5	76.6	76.7	77.0	77.2	77.2	77.3	77.3	77.4	77.5
IN 6000	27.2	70.1	72.7	75.2	76.8	77.3	77.8	77.9	78.0	78.3	78.5	78.5	78.6	78.6	78.7	78.8
IN 5000	27.5	71.8	74.5	77.1	78.9	79.3	79.9	80.1	80.1	80.5	80.6	80.6	80.7	80.8	80.8	80.9
IN 4500	27.5	72.1	74.8	77.5	79.2	79.6	80.2	80.4	80.4	80.8	81.0	81.0	81.1	81.1	81.2	81.2
IN 4000	27.6	73.6	76.5	79.2	81.1	81.5	82.1	82.3	82.3	82.8	83.0	83.0	83.1	83.1	83.2	83.3
IN 3500	27.9	74.4	77.3	80.1	82.0	82.5	83.1	83.2	83.3	83.7	83.9	83.9	84.0	84.0	84.1	84.2
IN 3000	28.0	75.3	78.3	81.2	83.2	83.7	84.4	84.6	84.6	85.1	85.3	85.3	85.4	85.4	85.5	85.6
IN 2500	28.2	76.3	79.4	82.4	84.5	84.9	85.7	85.9	85.9	86.4	86.6	86.6	86.7	86.7	86.8	86.9
IN 2000	28.3	77.0	80.2	83.2	85.4	85.8	86.7	86.9	87.0	87.5	87.7	87.7	87.8	87.8	87.9	88.0
IN 1800	28.3	77.2	80.5	83.4	85.7	86.1	87.0	87.3	87.3	87.8	88.0	88.0	88.1	88.2	88.3	88.3
IN 1500	28.4	77.8	81.2	84.2	86.4	86.9	87.7	88.0	88.0	88.6	88.8	88.8	88.9	88.9	89.1	89.1
IN 1200	28.6	78.6	82.3	85.5	88.0	88.5	89.4	89.7	89.7	90.4	90.6	90.6	90.7	90.7	90.8	90.9
IN 1000	28.6	79.0	82.9	86.2	88.9	89.3	90.4	90.7	90.7	91.4	91.7	91.7	91.8	91.9	92.0	92.0
IN 900	28.6	79.3	83.2	86.7	89.5	90.0	91.0	91.4	91.4	92.1	92.4	92.4	92.5	92.5	92.6	92.7
IN 800	28.6	79.5	83.5	87.0	90.0	90.5	91.7	92.1	92.2	92.9	93.2	93.2	93.3	93.3	93.4	93.5
IN 700	28.6	79.5	83.6	87.1	90.2	90.7	92.1	92.5	92.6	93.4	93.6	93.6	93.8	93.8	93.9	94.0
IN 600	28.6	79.9	83.9	87.7	90.9	91.5	93.0	93.5	93.5	94.3	94.6	94.6	94.8	94.8	95.0	95.0
IN 500	28.6	80.0	84.1	87.9	91.4	92.0	93.6	94.2	94.2	95.0	95.3	95.3	95.5	95.5	95.7	95.7
IN 400	28.6	80.1	84.3	88.2	91.7	92.3	94.3	95.2	95.3	96.1	96.4	96.4	96.7	96.8	96.9	97.0
IN 300	28.6	80.1	84.3	88.3	92.0	92.6	94.8	95.8	95.9	96.8	97.2	97.2	97.5	97.5	97.7	97.9
IN 200	28.6	80.2	84.4	88.4	92.2	92.8	94.9	96.1	96.3	97.4	97.9	97.9	98.4	98.4	98.6	98.8
IN 100	28.6	80.2	84.4	88.4	92.2	92.8	94.9	96.2	96.4	97.5	98.0	98.0	98.5	98.7	99.2	99.6
IN 0	28.6	80.2	84.4	88.4	92.2	92.8	94.9	96.2	96.4	97.5	98.0	98.0	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2677

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

(CEILING (FEET))	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	18.7	53.0	56.1	57.7	59.2	59.3	60.1	60.1	60.1	60.5	60.7	60.8	61.1	61.3	61.6	61.8
≥ 20000	20.3	56.7	60.3	62.0	63.6	63.8	64.5	64.7	64.7	65.0	65.3	65.3	65.6	65.8	66.2	66.3
IV 18000	20.4	57.1	60.7	62.5	64.1	64.2	65.0	65.1	65.1	65.4	65.7	65.7	66.0	66.2	66.6	66.8
IV 16000	20.5	57.2	60.8	62.5	64.2	64.3	65.1	65.2	65.2	65.6	65.8	65.9	66.2	66.3	66.7	66.9
IV 14000	20.7	57.5	61.6	63.5	65.1	65.4	66.2	66.3	66.3	66.6	66.9	66.9	67.2	67.4	67.8	68.0
IV 12000	21.1	59.2	63.0	64.8	66.5	66.8	67.5	67.7	67.7	68.0	68.3	68.4	68.7	68.9	69.3	69.4
IV 10000	21.7	61.7	65.7	67.6	69.3	69.6	70.3	70.5	70.5	70.8	71.1	71.2	71.5	71.7	72.1	72.2
IV 9000	21.8	62.5	66.5	68.4	70.3	70.5	71.3	71.4	71.4	71.8	72.1	72.1	72.5	72.7	73.0	73.2
IV 8000	22.1	64.3	68.5	70.5	72.4	72.7	73.4	73.6	73.6	74.0	74.2	74.3	74.6	74.8	75.2	75.4
IV 7000	22.3	65.6	69.9	72.0	74.0	74.3	75.1	75.2	75.2	75.7	75.9	76.0	76.3	76.5	76.9	77.0
IV 6000	22.6	66.9	71.2	73.3	75.5	75.8	76.7	76.8	76.8	77.3	77.6	77.6	78.0	78.2	78.6	78.7
IV 5000	22.7	68.4	72.9	75.1	77.5	77.8	78.7	78.9	78.9	79.4	79.7	79.7	80.1	80.3	80.7	80.8
IV 4500	22.8	68.8	73.4	75.7	78.2	78.5	79.4	79.5	79.5	80.1	80.3	80.4	80.8	81.0	81.3	81.5
IV 4000	23.0	70.0	74.8	77.4	79.9	80.2	81.1	81.3	81.3	81.8	82.1	82.2	82.5	82.7	83.1	83.2
IV 3500	23.0	70.8	75.7	78.3	80.9	81.2	82.1	82.2	82.2	82.8	83.1	83.2	83.5	83.7	84.1	84.3
IV 3000	23.0	71.4	76.4	79.1	81.7	82.0	83.0	83.2	83.2	83.8	84.1	84.1	84.5	84.7	85.1	85.2
IV 2500	23.1	72.4	77.6	80.4	83.1	83.5	84.4	84.6	84.6	85.3	85.6	85.7	86.1	86.2	86.6	86.8
IV 2000	23.3	73.5	78.9	81.8	84.7	85.0	86.0	86.2	86.2	86.9	87.3	87.4	87.7	87.9	88.3	88.4
IV 1800	23.3	73.9	79.4	82.2	85.2	85.5	86.5	86.7	86.7	87.4	87.8	87.8	88.2	88.4	88.8	88.9
IV 1500	23.3	74.5	80.1	82.9	85.9	86.3	87.4	87.5	87.5	88.3	88.7	88.7	89.1	89.3	89.7	89.8
IV 1200	23.3	74.9	80.7	83.7	86.7	87.1	88.2	88.5	88.5	89.3	89.6	89.7	90.1	90.3	90.7	90.9
IV 1000	23.3	75.6	81.5	84.6	87.7	88.0	89.4	89.7	89.7	90.5	90.9	90.9	91.4	91.5	92.0	92.1
IV 900	23.3	75.7	81.7	85.0	88.2	88.6	90.0	90.3	90.3	91.1	91.5	91.6	92.0	92.2	92.6	92.7
IV 800	23.3	75.9	81.9	85.2	88.6	88.9	90.3	90.6	90.7	91.5	91.8	91.9	92.3	92.6	93.0	93.1
IV 700	23.3	76.0	82.0	85.5	88.9	89.3	90.7	91.0	91.1	91.9	92.4	92.4	92.9	93.1	93.5	93.7
IV 600	23.3	76.1	82.2	85.8	89.4	89.8	91.3	91.6	91.7	92.6	93.0	93.1	93.6	93.8	94.2	94.4
IV 500	23.3	76.1	82.4	86.4	90.2	90.6	92.2	92.6	92.6	93.5	94.0	94.1	94.6	94.8	95.3	95.4
IV 400	23.3	76.1	82.8	86.8	90.9	91.4	93.1	93.6	93.7	94.7	95.2	95.3	95.8	96.0	96.4	96.6
IV 300	23.3	76.1	82.9	86.9	91.2	91.7	93.4	94.0	94.0	95.1	95.7	95.8	96.3	96.5	97.1	97.3
IV 200	23.3	76.1	82.9	86.9	91.2	91.7	93.6	94.3	94.4	95.7	96.3	96.4	97.0	97.2	97.8	98.1
IV 100	23.3	76.1	82.9	86.9	91.3	91.8	93.6	94.3	94.4	95.8	96.6	96.7	97.5	97.8	98.6	99.0
IV 0	23.3	76.1	82.9	86.9	91.3	91.8	93.6	94.3	94.4	95.8	96.6	96.7	97.5	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2674

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BLACH AFB SOUTH CAROLINA

46-47,49-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.5	3.2	4.4	4.2	3.2	2.2	2.6	4.5	6.1	3.5	38.6	5.6	17843
FEB		30.5	3.6	4.3	3.7	3.2	2.3	2.2	4.0	5.5	3.4	37.1	5.4	16215
MAR		28.6	3.9	4.8	4.4	3.6	2.5	2.7	4.4	5.0	3.2	36.3	5.4	17828
APR		30.6	4.7	5.5	5.7	4.0	3.1	3.0	5.1	6.1	3.5	28.7	4.9	17245
MAY		23.6	4.8	6.5	6.7	5.6	4.0	3.7	6.6	7.9	3.8	27.0	5.2	17699
JUN		17.4	4.7	7.3	7.6	6.9	5.2	4.5	7.9	9.4	4.8	24.4	5.4	17106
JUL		11.8	4.4	7.7	8.2	7.6	5.6	4.6	8.6	10.8	5.8	25.0	5.8	17138
AUG		16.3	5.3	7.8	8.4	7.1	4.6	4.4	8.2	9.9	4.7	23.1	5.3	17094
SEP		20.3	5.6	7.2	7.9	6.0	4.2	3.7	6.0	7.8	4.5	25.8	5.2	16481
OCT		36.1	5.2	5.6	5.0	3.7	2.8	2.7	4.7	6.0	3.9	24.4	4.4	17047
NOV		37.5	4.7	5.6	4.9	3.9	2.3	2.6	4.6	5.3	3.7	24.9	4.3	16489
DEC		31.9	3.8	5.0	4.8	3.6	2.4	2.6	4.6	6.2	3.7	31.3	5.0	17085
TOTALS		26.1	4.5	6.0	6.0	4.9	3.4	3.3	5.8	7.2	4.0	28.9	5.2	205270

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JAN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOUPS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	36.9	2.3	4.0	4.0	2.3	1.2	2.3	3.1	4.5	1.9	37.5	5.0	2227
	03-05	37.3	1.3	4.2	3.5	2.6	1.7	2.4	3.5	3.5	1.9	38.0	5.0	2228
	06-08	26.2	3.0	4.4	4.2	2.9	2.4	2.3	4.4	6.5	4.3	39.4	5.8	2232
	09-11	20.7	2.8	3.9	3.6	3.0	2.6	2.3	5.4	8.1	5.8	40.7	6.2	2230
	12-14	18.3	4.5	4.4	4.3	3.5	2.6	3.3	5.6	6.0	4.7	40.7	6.3	2231
	15-17	19.7	4.3	4.4	4.3	3.9	3.0	2.7	4.9	8.2	4.5	40.0	6.1	2231
	18-20	27.1	4.0	5.2	4.8	3.5	2.1	3.0	4.7	5.5	2.9	37.1	5.5	2232
	21-23	33.5	2.6	4.8	5.0	3.6	1.9	2.7	4.0	4.2	2.2	35.5	5.0	2232
TOTALS		27.5	3.2	4.4	4.2	3.2	2.2	2.6	4.5	6.1	3.5	38.6	5.6	17843

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46-47,49-70

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	40.5	2.5	4.1	2.8	2.4	1.6	1.6	3.1	3.5	1.8	36.0	4.7	2028
	03-05	40.4	1.8	3.9	3.3	2.5	1.3	2.3	3.6	3.2	1.6	36.0	4.8	2028
	06-08	29.0	4.3	4.0	3.5	2.7	1.6	1.8	4.5	5.2	3.2	40.2	5.6	2028
	09-11	26.7	3.9	3.1	3.0	3.3	1.9	2.4	4.5	6.9	5.1	39.1	5.8	2029
	12-14	22.5	4.4	4.0	3.3	4.3	3.4	2.7	5.1	8.1	5.5	36.7	5.9	2029
	15-17	21.4	4.9	5.2	5.1	3.7	3.2	2.5	3.9	8.2	4.7	37.3	5.8	2028
	18-20	27.5	4.8	4.6	5.1	4.0	2.9	2.3	4.1	5.1	3.6	36.0	5.4	2027
	21-23	36.3	2.5	5.8	3.5	2.8	2.4	2.0	3.5	4.1	2.0	35.2	4.9	2018
TOTALS		30.5	3.6	4.3	3.7	3.2	2.3	2.2	4.0	5.5	3.4	37.1	5.4	16215

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46-47,49-70

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	38.2	2.8	4.4	3.8	2.7	2.0	2.1	3.0	4.0	1.4	35.1	4.8	2228
	03-05	36.3	2.6	4.0	4.4	2.9	1.7	3.0	2.8	4.1	1.5	36.7	5.0	2228
	06-08	25.0	3.5	5.0	4.3	3.2	2.2	2.5	5.2	6.0	4.3	38.9	5.8	2231
	09-11	25.7	4.2	4.5	4.2	3.3	2.6	2.1	4.8	6.1	4.3	33.3	5.7	2230
	12-14	23.0	4.1	5.1	4.3	4.1	3.1	2.9	6.2	7.0	4.3	36.0	5.7	2228
	15-17	20.6	5.0	4.2	5.3	4.4	3.2	3.5	4.9	7.2	4.4	37.2	5.9	2228
	18-20	23.2	5.5	5.7	4.4	4.8	3.2	3.4	5.3	6.2	3.8	34.6	5.5	2227
	21-23	36.7	3.3	5.6	4.6	3.4	2.2	2.2	3.0	3.9	1.3	33.8	4.7	2228
TOTALS		28.6	3.9	4.8	4.4	3.6	2.5	2.7	4.4	5.6	3.2	36.3	5.4	17828

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

APR

STATION

STATION NAME

PERIOD

NORTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	45.0	2.7	4.9	4.4	2.7	1.9	2.5	4.1	3.7	1.9	26.4	4.0	2155
	03-05	39.1	3.8	5.4	4.5	3.2	2.7	3.0	4.5	5.1	1.8	26.9	4.3	2156
	06-08	26.1	5.3	4.9	6.0	3.3	3.3	2.4	4.6	7.6	4.5	31.9	5.3	2154
	09-11	26.1	5.1	5.8	6.3	4.2	3.7	3.0	6.0	6.1	4.5	29.2	5.1	2155
	12-14	20.0	6.7	5.8	6.7	5.8	3.8	3.4	6.3	7.8	4.7	28.8	5.4	2157
	15-17	20.0	6.0	6.3	6.4	5.3	3.5	3.7	6.4	7.5	5.2	29.6	5.5	2157
	18-20	26.3	5.4	5.9	6.6	4.5	3.2	3.2	5.6	6.5	3.7	29.0	5.0	2156
	21-23	41.9	2.6	5.2	5.0	3.2	2.6	2.6	3.6	4.0	1.7	27.6	4.2	2155
TOTALS		30.6	4.7	5.5	5.7	4.0	3.1	3.0	5.1	6.1	3.5	28.7	4.9	17245

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46-47, 49-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	38.5	3.9	6.2	5.4	4.4	3.0	2.5	4.9	4.6	1.3	25.3	4.2	2211
	03-05	32.2	4.4	6.5	5.5	4.2	3.1	3.7	4.7	6.4	1.8	27.2	4.6	2213
	06-08	21.4	5.0	5.3	5.7	4.3	3.1	2.7	6.6	8.7	5.2	31.8	5.6	2211
	09-11	19.4	4.6	5.9	7.3	6.4	4.2	3.5	6.3	9.1	5.7	27.5	5.5	2211
	12-14	12.8	5.7	7.1	9.1	7.1	6.7	4.8	8.5	9.0	4.7	24.4	5.6	2210
	15-17	14.5	4.6	6.7	7.7	7.9	5.8	4.6	8.0	9.7	4.7	25.9	5.6	2212
	18-20	17.8	5.6	7.0	6.1	5.0	3.6	4.8	7.6	9.7	4.2	28.6	5.6	2215
	21-23	31.9	4.2	7.5	6.5	5.3	2.3	3.0	6.0	6.0	2.4	25.0	4.5	2216
TOTALS		23.6	4.8	6.5	6.7	5.6	4.0	3.7	6.6	7.9	3.8	27.0	5.2	17699

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46-47,49-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	32.3	5.3	7.3	8.3	5.5	3.3	3.5	4.8	5.9	2.5	21.3	4.2	2091
	03-05	23.4	5.6	8.7	8.2	6.1	3.5	4.3	7.5	8.5	2.6	21.7	4.8	2090
	06-08	16.1	4.6	6.4	6.2	6.5	4.3	4.1	7.9	11.2	6.1	26.7	5.7	2135
	09-11	12.8	3.5	6.3	8.4	7.6	7.0	4.6	10.0	10.3	6.2	23.3	5.8	2159
	12-14	7.5	3.8	8.0	8.5	9.0	7.5	5.6	9.8	11.5	6.7	22.1	5.9	2157
	15-17	10.0	5.0	6.5	7.5	7.6	6.2	5.0	8.3	11.2	6.3	26.5	6.0	2160
	18-20	12.0	5.3	6.8	6.5	5.9	5.5	4.7	8.4	9.5	5.3	30.1	6.0	2158
	21-23	25.2	4.5	8.0	6.9	7.0	4.3	4.1	6.6	7.1	2.4	23.8	4.8	2156
TOTALS		17.4	4.7	7.3	7.6	6.9	5.2	4.5	7.9	9.4	4.8	24.4	5.4	17106

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46-47,49-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	24.6	5.0	9.4	8.8	6.4	5.0	3.8	6.5	5.9	2.7	24.0	4.7	2130
	03-05	20.0	6.2	10.2	8.1	7.2	4.1	3.9	7.9	8.3	3.0	21.1	4.8	2126
	06-08	10.1	4.3	7.4	8.6	7.2	5.3	4.4	9.0	11.9	5.7	26.1	6.0	2140
	09-11	8.2	3.4	5.3	8.7	8.7	7.1	5.0	9.5	12.3	7.8	23.9	6.1	2148
	12-14	2.7	2.5	6.9	9.0	9.5	9.0	4.2	10.5	14.9	8.0	22.8	6.4	2148
	15-17	4.9	3.8	7.5	7.3	8.1	6.2	5.5	11.0	13.6	8.2	24.1	6.4	2147
	18-20	6.9	4.6	6.9	6.3	6.7	5.8	5.3	8.0	11.2	7.6	30.7	6.5	2150
	21-23	16.8	5.4	8.3	8.6	7.1	4.4	4.5	6.5	6.0	3.3	27.0	5.4	2149
TOTALS		11.8	4.4	7.7	8.2	7.6	5.6	4.6	8.6	10.8	5.8	25.0	5.8	17138

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46,49-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	30.1	5.9	8.5	8.0	5.7	1.7	4.4	6.5	6.7	2.7	19.7	4.3	2137
	03-05	27.4	6.5	9.0	8.7	5.6	2.6	4.0	6.6	7.9	2.9	18.8	4.3	2133
	06-08	13.7	5.9	6.9	8.3	6.9	5.0	4.3	8.7	9.8	5.7	24.9	5.6	2136
	09-11	12.3	3.8	5.8	8.3	8.0	6.0	5.2	9.6	12.1	4.8	24.0	5.8	2138
	12-14	4.3	4.5	7.5	10.0	9.2	8.5	4.1	9.8	13.0	6.0	23.1	6.1	2133
	15-17	7.8	4.4	8.1	9.2	8.2	5.0	3.9	9.3	11.8	7.6	24.5	6.0	2136
	18-20	11.3	5.5	7.5	7.4	7.0	4.7	4.5	7.4	11.0	5.9	27.7	5.9	2137
	21-23	24.6	5.9	8.7	7.6	5.8	3.4	4.4	7.7	7.1	2.2	22.3	4.7	2139
TOTALS		16.5	5.3	7.8	8.4	7.1	4.6	4.4	8.2	9.9	4.7	23.1	5.3	17094

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46,49-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	34.9	5.4	7.9	6.8	4.3	2.5	2.8	4.7	4.9	2.7	23.3	4.2	2063
	03-05	34.2	5.6	7.4	7.2	4.7	2.8	3.7	4.4	4.8	2.5	22.7	4.2	2058
	06-08	15.8	6.8	5.7	7.0	5.8	5.2	4.2	7.7	8.8	4.1	28.9	5.6	2061
	09-11	14.5	4.4	5.9	7.2	8.5	5.6	4.2	8.0	9.2	6.6	26.0	5.7	2060
	12-14	8.3	5.0	8.2	11.0	7.4	5.8	4.1	8.5	9.1	6.1	26.6	5.9	2060
	15-17	10.6	6.3	7.5	8.6	6.7	4.8	3.6	7.3	11.0	6.3	27.5	5.9	2062
	18-20	16.8	6.4	7.0	8.4	5.4	3.7	3.7	7.1	8.6	5.3	27.5	5.5	2057
	21-23	31.2	5.0	7.9	6.7	5.1	3.3	3.0	5.0	6.2	2.3	24.2	4.4	2060
TOTALS		20.8	5.6	7.2	7.9	6.0	4.2	3.7	6.6	7.8	4.5	25.8	5.2	16481

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46,49-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	50.8	3.3	3.6	3.4	3.0	1.4	2.2	3.1	5.2	1.5	22.4	3.5	2128
	03-05	46.2	3.6	4.1	3.9	3.5	1.9	2.9	4.0	4.1	2.1	23.7	3.8	2131
	06-08	31.2	5.4	5.1	4.3	3.4	3.4	2.4	4.8	6.9	5.6	27.3	4.9	2132
	09-11	30.3	5.2	5.1	5.0	3.8	3.5	2.8	5.6	7.1	4.7	26.9	4.9	2130
	12-14	23.7	5.9	7.4	5.9	5.1	4.6	2.5	6.0	6.3	5.3	25.1	5.1	2136
	15-17	25.3	6.8	6.6	6.6	4.3	3.1	3.2	5.9	7.5	7.0	23.7	4.9	2131
	18-20	33.9	6.9	7.1	6.5	4.0	2.6	2.7	4.5	5.5	2.9	23.4	4.2	2127
	21-23	47.4	4.2	5.4	4.1	2.7	2.2	2.5	3.5	3.6	2.2	22.3	3.6	2132
TOTALS		36.1	5.2	5.6	5.0	3.7	2.8	2.7	4.7	6.0	3.9	24.4	4.4	17047

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

46,49-70

NJV

SECTION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NCV	00-02	46.4	4.0	5.4	3.3	3.1	1.5	2.6	3.8	3.8	2.1	23.3	3.8	2061
	03-05	47.3	2.8	6.3	3.7	2.6	1.4	2.2	3.8	3.7	1.9	24.3	3.7	2061
	06-08	32.3	5.8	6.6	6.0	4.2	1.9	3.7	4.7	5.6	4.5	25.0	4.5	2064
	09-11	32.9	4.9	4.9	4.5	4.4	3.0	2.8	6.1	6.4	5.6	24.7	4.7	2066
	12-14	29.2	4.9	5.0	5.7	5.7	4.1	2.7	5.6	7.0	5.3	24.8	4.8	2065
	15-17	26.6	6.8	6.1	5.6	5.0	3.1	3.0	5.1	7.8	5.6	25.4	4.9	2058
	18-20	37.5	5.0	6.0	5.9	3.5	2.1	2.0	4.1	4.7	2.7	26.5	4.3	2057
	21-23	47.7	3.3	4.7	4.4	2.5	1.6	1.8	3.7	3.7	2.0	24.5	3.7	2057
TOTALS		37.5	4.7	5.6	4.9	3.9	2.3	2.6	4.6	5.3	3.7	24.9	4.3	16489

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA

46,49-70

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	42.4	2.2	5.5	4.4	3.0	2.0	2.6	3.9	4.0	1.9	28.0	4.2	2136
	03-05	41.2	2.3	3.9	4.3	3.3	1.8	2.7	3.0	4.7	2.6	30.1	4.4	2136
	06-08	27.5	4.8	4.9	4.0	3.7	2.2	2.4	5.1	7.6	4.3	32.8	5.3	2136
	09-11	25.5	4.5	4.4	4.4	3.5	2.9	2.8	5.2	6.7	4.2	36.0	5.6	2136
	12-14	23.9	5.1	4.5	4.1	4.2	2.9	2.5	0.6	6.1	5.2	32.7	5.6	2136
	15-17	23.7	4.5	5.5	5.9	4.4	2.5	3.0	4.4	7.8	5.9	32.4	5.5	2133
	18-20	32.3	4.2	6.2	5.8	3.7	2.6	1.7	4.7	5.8	3.0	29.9	4.3	2135
	21-23	38.9	3.1	4.8	5.1	2.6	2.0	3.3	3.9	5.0	2.8	28.6	4.5	2137
TOTALS		31.9	3.8	5.0	4.6	3.6	2.4	2.6	4.6	6.2	3.7	31.3	5.0	17085

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the SALE COUNT of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA P. C. S. I. G. H. R. C. P.

1330-1700

AIR TAMPON ST. VIC. / AU

13717

HYRILL B ACH AFB SHUT, CALIF. LI. A

42-47, 49-54, 55-72

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

441.00

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 100													.1
≥ 95					.2	5.4	4.5	4.5	.6				1.2
≥ 90				1.0	4.2	17.3	23.3	20.0	.4				6.1
≥ 85			.4	4.3	15.9	42.0	71.7	68.2	37.7	3.3			20.6
≥ 80	.6	.1	2.5	13.5	43.4	62.4	95.7	94.8	74.6	23.2	2.2	.3	35.9
≥ 75	4.1	.4	9.6	37.0	77.9	97.4	99.4	98.8	91.8	54.4	14.9	3.1	48.2
≥ 70	12.7	11.5	25.4	61.2	93.4	99.4	100.0	99.6	97.0	75.7	37.7	12.1	60.3
≥ 65	24.6	20.1	44.1	82.2	99.0	99.7		100.0	99.5	91.3	51.7	27.2	75.7
≥ 60	40.7	42.4	63.4	95.1	99.8	100.0			100.0	97.4	75.9	46.0	80.0
≥ 55	27.7	6.0	31.4	99.3	100.0					99.9	69.2	63.8	87.7
≥ 50	22.8	7.4	93.3	99.8							95.4	79.7	93.2
≥ 45	5.4	9.0	98.0	100.0						100.0	99.5	90.4	96.9
≥ 40	4.1	90.5	99.0								99.9	96.9	98.9
≥ 35	15.0	99.3	100.0								100.0	99.3	99.7
≥ 30	99.5	99.9										99.3	99.9
≥ 25	100.0	100.0										100.0	100.0
≥ 20													
≥ 15													
≥ 10													
≥ 5													
≥ 0													
≥ -5													
≥ -10													
≥ -15													
≥ -20													
≥ -25													
≥ -30													
≥ -35													
≥ -40													
≥ -45													
≥ -50													
MEAN	56.5	57.0	62.8	71.2	74.7	84.6	86.8	86.3	82.3	74.0	68.6	57.0	72.1
S.D.	10.723	9.741	8.996	7.459	6.051	4.645	4.340	4.500	5.200	7.017	8.323	8.810	13.500
TOTAL OBS.	837	702	837	810	837	794	806	806	779	800	918	800	27.0

47-47, 49-54, 56-72

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

1.1.1984

[illegible]

1210 WS FORM 0-21 5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13717

MYRTLE BEACH AFB

UT. CAROLINA

42-47, 49-54, 56-72

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.2	4.7	7.1	6.0				1.6
85				.2	2.9	27.2	47.5	45.0	12.4	1.			11.3
80				.1	3.9	22.2	67.9	91.4	86.6	54.7	6.0	.4	27.4
75		.7	2.5	16.5	57.7	92.9	99.7	98.4	61.8	29.3	3.4	.5	30.6
70	2.9	1.7	11.4	41.0	80.9	98.3	100.0	99.8	96.2	55.2	12.9	5.0	50.0
65	11.6	12.5	27.8	63.2	94.5	99.7		100.0	90.4	76.1	31.7	14.1	60.5
60	23.6	25.1	44.1	81.9	99.6	100.0			100.0	80.5	50.1	24.1	60.6
55	39.4	42.3	64.2	94.2	100.0					96.1	70.9	40.2	78.6
50	57.8	62.1	83.9	99.2						99.4	86.6	60.4	87.2
45	75.5	81.7	94.9	100.0						100.0	98.5	80.1	93.9
40	92.7	93.6	99.3								90.3	91.7	97.8
35	96.8	96.7	99.9								99.9	93.7	99.4
30	99.4	99.5	100.0								100.0	99.4	99.9
25	100.0	100.0										100.0	100.0
20													
15													
10													
5													
0													
MEAN	46.8	42.7	53.4	61.9	69.9	76.1	77.3	78.8	74.2	66.7	56.5	47.7	60.0
S.D.	9.828	9.177	8.667	7.497	5.873	4.873	3.553	3.877	5.192	7.461	8.582	9.670	14.119
TOTAL OBS.	337	722	837	810	837	794	366	806	775	804	818	809	67.1

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME 42-47, 49-54, 56-72 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
42													
43	78	74	80	83	90	101	95	96	91	85	80	71	101
44	81	79	80	84	92	100	94	96	99	89	78	68	100
45	66	80	84	85	89	94	93	94	95	90	83	67	95
46	77	70	82	91	84	95	95	96	38	82	82	78	96
47	73	70	72	85	89*	93*	85						
49	80	79	81	85	93	93	100	92	92	83	77	75	100
50	81	80	83	86	88	99	93	94	91	85	83	70	99
51	71	81	75	83	90	91	94	97	88	93	82	80	97
52	80	76	78	81	93	104	101	52	90	86	77	69	104
53	75	76	82	84	98	96	99	99	88	84	78	74	99
54	77	76	86	90	86	103	98	104	92	92	75	69	104
56													
57	79	80	73	82	89	91	95	95	92	79	75	71	95
58	62	70	72	89	85	98	93	96	93	84	81	73	98
59	68	76	76	86	88	100	92	93	91	88	78	68	100
60	76	70	73	83	93	93	95	95	90	85	78	72	95
61	67	74	80	86	80	91	97	94	95	84	78	72	97
62	76	83	71	86	93	90	95	90*	86	91	74	71	95
63	70	72	88	92	93	97	94	90	91	82	75	66	97
64	70	66	75	87	93	94	86	94	89	84	80	72	94
65	73	76	82	86	92	94	92	92	86	81	76	71	94
66	76	70	76	82	89	89	96	92	94	88	78	76	96
67	73	73	87	90	91	88	91	89	84	81	76	78	91
68	66	72	81	81	84	97*	97	97	89	85	77	70	97
69	73	73	70	80	84	92	95	93	88	84	78	70	95
70	75	71	78	90	91	95	98	96	92	84	77	77	98
71	70	73	72	88	89	94	92	96	86	85	81	84	96
72	77	80	78	91	84	90	96	# 98	# 94	# 93	# 84	# 75	# 98
MEAN	73.7	74.8	78.3	85.8	89.3	94.9	94.5	94.6	90.5	85.7	77.9	73.0	97.3
S D	5.067	4.342	5.107	3.412	3.977	4.264	3.599	3.163	3.385	3.784	4.104	4.501	3.006
TOTAL OBS	837	762	837	810	837	794	806	806	779	806	818	868	9760

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
42											28	17	
43	18	13	19	30	41	60	65	61	50	36	23	12	12
44	19	21	27	29	45	56	59	58	55	31	29	17	17
45	22	20	34	42	44	52	68	56	65	30	25	16	16
46	20	26	32	36	49	48	57	60	55	39	32	23	20
47	25	17	26	45	39*	59*	76						
49	30	30	26	34	46	56	65	67	51	43	24	25	24
50	27	22	24	28	50	54	65	58	46	40	16	17	16
51	18	18	31	36	45	57	54	59	54	43	20	17	17
52	17	21	28	33	44	59	59	54	53	25	27	20	17
53	25	26	29	29	51	49	61	58	53	37	28	16	16
54	21	25	22	39	42	55	62	59	55	37	23	15	15
56											26	29	
57	18	29	32	37	45	64	66	60	42	32	29	17	17
58	19	9	33	40	49	53	63	65	55	38	30	20	9
59	19	22	35	40	49	56	67	67	50	43	26	29	17
60	19	25	21	34	48	55	66	65	56	35	27	14	14
61	16	25	34	37	45	57	63	62	52	35	25	22	10
62	16	24	28	34	49	62	63	64*	48	32	31	11	11
63	18	20	30	35	36	61	59	63	49	35	29	22	18
64	18	24	25	38	45	57	61	61	55	34	3	24	18
65	20	22	27	41	52	55	62	61	59	33	28	21	20
66	15	20	29	33	46	50	64	61	56	41	25	23	15
67	25	16	25	36	43	54	63	61	45	38	25	23	16
68	20	19	28	37	47	59*	67	60	59	35	28	21	19
69	19	26	28	38	45	60	70	65	57	32	27	21	19
70	13	24	29	38	49	61	68	65	47	35	18	24	13
71	19	23	27	36	41	58	65	68	60	49	30	29	19
72	15	23	31	30	51	52	63	# 68	# 58	# 34	# 25	# 19	15
MEAN	19.7	21.9	28.1	35.7	45.9	56.4	63.7	61.8	53.5	36.6	26.4	20.1	16.5
S. D.	3.883	4.605	3.988	4.212	3.912	3.943	4.364	3.713	5.187	4.875	3.910	4.797	3.127
TOTAL OBS	837	762	837	810	837	794	806	806	779	806	818	868	9760

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OII)
JUL 64

PSYCHROMETRIC SUMMARY

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

MONTH
ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
36/ 35	.2	.6	.4	.3	.1	.0	.0											3799	3809	5373	5941			
34/ 33	.2	.6	.3	.2	.0	.0												3219	3225	4617	5336			
32/ 31	.2	.5	.3	.1	.0	.0												2756	2773	4087	5269			
30/ 29	.2	.5	.3	.1	.0	.0												2377	2382	3336	4881			
28/ 27	.1	.3	.2	.0	.0													1552	1559	2629	3670			
26/ 25	.1	.2	.1	.0														1046	1047	1868	3877			
24/ 23	.1	.1	.1	.0														633	633	1155	3154			
22/ 21	.1	.1	.0	.0														370	370	686	2646			
20/ 19	.0	.0	.0	.0														249	250	457	1922			
18/ 17	.0	.0	.0															115	115	231	1864			
16/ 15	.0	.0	.0															58	58	111	1496			
14/ 13	.1	.0	.0															27	27	66	953			
12/ 11		.0																8	8	25	675			
10/ 9		.0																3	3	9	391			
8/ 7																				3	367			
6/ 5																					276			
4/ 3																					213			
2/ 1																					138			
0/ -1																					70			
-2/ -3																					55			
-4/ -5																					29			
-6/ -7																					21			
-8/ -9																					10			
-10/-11																					2			
-12/-13																					1			
-14/-15																					1			
TOTAL	9.0	28.7	20.4	15.0	11.0	7.3	4.2	2.3	1.2	.5	.2	.1	.0	.0	.0				247183		246509			
				</																				

PSYCHROMETRIC SUMMARY

JAN

STATION NAME

YEARS

14013

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
82/ 81									.0										1	1												
80/ 79								.0	.0	.0									13	13												
78/ 77					.0	.0	.1	.3											23	23												
76/ 75					.0	.1	.1	.0	.0	.0									46	46												
74/ 73				.0	.1	.1	.1	.0	.0		.0	.0	.0						77	77												
72/ 71			.0	.1	.1	.1	.1	.0	.0	.0	.0	.0							97	97												
70/ 69		.1	.2	.3	.2	.1	.1	.0	.0		.0								210	210	4											
68/ 67	.0	.1	.3	.3	.2	.2	.1	.0	.0	.0									286	286	65	9										
66/ 65	.1	.7	.5	.5	.2	.1	.1	.0	.0	.0									458	458	216	67										
64/ 63	.3	1.2	.6	.4	.2	.1	.1	.1	.0	.0									657	658	470	258										
62/ 61	.5	1.8	.7	.4	.2	.2	.1	.1	.1	.1	.0								843	843	642	503										
60/ 59	.3	2.1	.7	.5	.4	.2	.1	.1	.1	.1									1036	1038	949	809										
58/ 57	.6	1.7	.8	.5	.4	.3	.2	.1	.1	.0									989	990	869	778										
56/ 55	.8	1.7	.8	.6	.4	.4	.2	.1	.0										1092	1093	871	831										
54/ 53	.9	1.6	.7	.7	.6	.4	.3	.1	.0										1059	1061	864	843										
52/ 51	.7	1.8	.9	.8	.6	.5	.2	.0											1163	1183	937	773										
50/ 49	.8	1.7	1.0	.8	.6	.6	.2	.0											1221	1221	1042	862										
48/ 47	.5	2.0	1.2	.9	.8	.5	.1	.0											1209	1209	1027	757										
46/ 45	.6	2.0	1.1	1.1	.8	.4	.1	.0											1302	1302	1317	855										
44/ 43	.4	1.9	1.1	.9	.6	.3	.1												1209	1209	1269	952										
42/ 41	.3	1.6	1.1	.9	.8	.2	.0												1152	1152	1307	1011										
40/ 39	.7	2.1	1.3	.9	.6	.1													1217	1217	1411	1053										
38/ 37	.5	2.0	1.1	.8	.4	.0	.0												1029	1029	1270	1027										
36/ 35	.7	2.1	1.0	.8	.2	.0	.0												1020	1020	1307	1096										
34/ 33	.6	1.9	1.0	.5	.1	.0													879	879	1170	1103										
32/ 31	.6	1.7	.8	.5	.1	.0													749	769	1078	1077										
30/ 29	.3	2.0	.9	.2	.0														742	742	891	1089										
28/ 27	.3	1.4	.6	.2	.0														535	535	809	836										
26/ 25	.3																															

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47,49-72

JA:2

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS: L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
14/ 13		.0																	8	5	30	261													
12/ 11																					19	201													
10/ 9																						135													
8/ 7																						97													
6/ 3																						65													
4/ 3																						79													
2/ 1																						42													
0/ -1																						23													
-2/ -3																						17													
-4/ -5																						13													
-6/ -7																						2													
TOTAL	12.2	37.5	19.6	13.5	8.5	4.5	2.2	1.0	.4	.1	.0	.0	.0							21416		21403													
																				21406	21406														

PSYCHROMETRIC SUMMARY

43-47, 49-52

၆၆၄

STATION

STATION NAME

YEARS

PAGE 1

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	2-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83									.0									1	1						
82/ 81									.0									2	2						
80/ 79								.0	.0	.0								14	14						
78/ 77					.0	.0	.0	.0	.0	.0	.0							23	23						
76/ 75				.0	.0	.1	.1	.0		.0	.0	.0			.0			41	41						
74/ 73		.0		.0	.1	.1	.0	.0	.0	.0								52	52						
72/ 71			.0	.1	.1	.1	.1	.1	.0	.0	.0	.0						102	102	1	1				
70/ 69		.0	.2	.2	.2	.1	.1	.1	.0	.0	.0		.0					174	175	3					
68/ 67	.0	.1	.2	.3	.2	.1	.1	.1	.1	.0	.0							244	246	42	5				
66/ 65	.0	.4	.6	.5	.3	.2	.1	.1	.1	.1	.0							466	466	156	56				
64/ 63	.2	1.2	.5	.5	.3	.2	.2	.2	.1	.0								710	712	294	162				
62/ 61	.5	1.6	.5	.5	.3	.3	.2	.2	.1	.0								884	886	626	426				
60/ 59	.9	1.3	.9	.6	.4	.4	.2	.2	.1									1095	1098	872	663				
58/ 57	.7	1.6	.9	.5	.6	.4	.3	.3	.1									1043	1047	855	743				
56/ 55	.5	1.9	1.1	.5	.5	.7	.3	.2	.0									1266	1266	959	838				
54/ 53	.0	1.5	1.3	.0	.7	.7	.4	.1	.0									1200	1205	857	763				
52/ 51	.7	1.5	1.1	.9	.7	.5	.3	.1										1153	1158	969	771				
50/ 49	.7	1.6	1.4	1.2	.9	.7	.3	.1	.0									1321	1324	1214	783				
48/ 47	.8	1.8	1.3	1.1	.9	.7	.2	.0										1275	1277	1165	909				
46/ 45	.5	1.8	1.1	.9	.7	.3	.2	.0										1117	1124	1325	916				
44/ 43	.0	1.6	1.0	.9	.7	.4	.1											1006	1011	1317	921				
42/ 41	.6	1.6	1.0	.9	.6	.3	.1											978	983	1234	927				
40/ 39	.5	1.5	1.2	1.0	.8	.3	.0											990	995	1149	987				
38/ 37	.3	1.4	1.2	.9	.6	.2												921	924	1093	967				
36/ 35	.0	1.2	.9	.5	.4	.0												761	764	1082	1011				
34/ 33	.4	1.4	.7	.6	.2	.0												628	630	938	875				
32/ 31	.5	1.4	.6	.6	.1													624	629	896	956				
30/ 29	.5	1.0	.7	.3	.1	.0												508	510	784	991				
28/ 27	.2	.6	.5	.1	.0													284	284	556	766				
26/ 25	.2	.5	.3	.2														223	223	400	790				
24/ 23	.1	.4	.2	.1														133	133	249	585				
22/ 21	.1	.1	.2	.0														77	77	166	530				
20/ 19	.0	.1	.1	.0														58	58	53	403				
18/ 17	.0	.0	.0															20	20	63	387				
Element (Y)	Σ X ²			Σ X			Σ			Σ _n			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

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25

MAR

YEARS

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47, 49-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

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PSYCHROMETRIC SUMMARY

APR

YEARS

MONTH

HOURS (L. , T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dr. Bulb	Wet Bulb	Dew Point																			
98/ 97												.0	.0																					1	1				
96/ 95											.0	.0	.0																					6	6				
94/ 93										.0	.0	.0	.0																				13	13					
92/ 91							.0	.0	.0	.0	.0	.0	.0																				32	32					
90/ 89						.0	.1	.1	.1	.0	.1	.0	.0																				74	74					
88/ 87					.0	.0	.1	.2	.1	.1	.0	.0	.0																				126	126					
86/ 85				.1	.1	.2	.2	.2	.2	.1	.0	.0	.0																				226	226					
84/ 83			.1	.3	.4	.4	.3	.2	.1	.0	.0	.0	.0																				394	394					
82/ 81		.1	.4	.8	.7	.5	.3	.2	.1	.0	.0	.0	.0																				661	661					
80/ 79	.0	.2	1.2	1.4	1.2	.6	.3	.2	.1	.1	.0	.0	.0																				1154	1154	8				
78/ 77	.1	.9	1.6	1.9	1.1	.6	.4	.2	.1	.1	.0	.0	.0																				1498	1498	90	13			
76/ 75	.7	2.1	2.3	1.7	1.0	.6	.4	.2	.1	.0	.0	.0	.0																				1962	1962	471	82			
74/ 73	.1	2.1	2.9	2.3	1.3	.9	.5	.4	.2	.1	.0	.0	.0																					2279	2280	1225	414		
72/ 71	.3	3.9	2.7	2.2	.9	.6	.4	.2	.2	.0	.0	.0	.0																					2445	2445	2229	1259		
70/ 69	1.0	3.7	2.6	1.4	.8	.5	.4	.2	.1	.0	.0	.0	.0																					2320	2321	5131	2325		
68/ 67	.9	3.4	2.3	.9	.6	.4	.3	.2	.1	.0	.0	.0	.0																					1933	1939	2923	2656		
66/ 65	1.0	2.6	1.9	.9	.6	.2	.2	.1	.0	.0	.0	.0	.0																					1507	1507	2644	2655		
64/ 63	.7	2.2	1.0	.6	.3	.2	.2	.1	.0	.0	.0	.0	.0																					1134	1136	1886	2304		
62/ 61	.9	1.6	.7	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0																					861	861	1699	1948		
60/ 59	.5	1.4	.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0																					717	721	1256	1467		
58/ 57	.4	1.1	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0																					568	573	1032	1275		
56/ 55	.4	1.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0																					452	455	834	1069		
54/ 53	.3	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0																					314	314	672	942		
52/ 51	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					242	242	456	755		
50/ 49	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					172	172	313	599		
48/ 47	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					107	107	201	468		
46/ 45	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					68	68	139	401		
44/ 43	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					27	27	59	261		
42/ 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					13	13	28	172		
40/ 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					5	5	11	95		
38/ 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					2	2	4	61		
36/ 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					3	3	2	44		
34/ 33																																					3	3	26
32/ 31																																						8	
Element (X)	$\Sigma X'$					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature													
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 0 26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY

ATION

STATION NAME

YEARS

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ALL

HOURS (L, S, T.)

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

JUN

STATION

STATION NAME

YEARS

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PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
104/103																																1	1				
102/101																																2	2				
100/ 99																																14	14				
98/ 97																																41	41				
96/ 95																																71	71				
94/ 93																																116	116				
92/ 91																																162	162				
90/ 89																																327	327				
88/ 87																																497	497				
86/ 85																																949	949	1			
84/ 83																																1446	1446	21			
82/ 81																																1746	1746	170	18		
80/ 79																																2332	2332	696	127		
78/ 77																																2539	2539	1775	620		
76/ 75																																2504	2510	3175	1759		
74/ 73																																2073	2078	3595	3207		
72/ 71																																1529	1534	2989	3716		
70/ 69																																1337	1341	2530	3010		
68/ 67																																848	848	1726	2095		
66/ 65																																595	595	1140	1495		
64/ 63																																373	373	909	1241		
62/ 61																																233	233	533	839		
60/ 59																																203	203	373	628		
58/ 57																																94	94	231	446		
56/ 55																																51	51	136	351		
54/ 53																																23	23	70	226		
52/ 51																																7	7	41	175		
50/ 49																																8	8	11	107		
48/ 47																																3	3	3	47		
46/ 45																																			12		
44/ 43																																			4		
42/ 41																																			1		
TOTAL	5.823	4.21	8.17	2.13	7.8	3.3	4.3	2.4	1.7	.9	.4	.1	.0																			20124	20144	20124			
																																		20124	20125		
Element (X)	Σ X ²			Σ X			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			
Rel. Hum.	129044513			1586451			78.8			14.050			20123			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total			
Dry Bulb	118572314			1539154			76.4			6.937			20144									663.2			530.1			233.3			8.6			720			
Wet Bulb	102654808			1433420			71.2			5.267			20125									596.7			337.5			16.6						720			
Dew Point	95970791			1384731			68.8			5.045			20124									520.6			205.0			1.9						720			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL

STATION

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HOURS (L, S, T.)

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PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46,49-72

SEP

STATION

STATION NAME

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ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
98/ 97												.0	.0						4	4							
96/ 95												.0	.0						8	8							
94/ 93								.0	.0	.0	.0	.0							19	19							
92/ 91					.0		.0	.1	.1	.0									34	34							
90/ 89					.0	.1	.1	.1	.0	.0	.0	.0							91	91							
88/ 87				.0	.3	.4	.3	.1	.1	.0	.0	.0	.0						268	268							
86/ 85			.0	.5	1.3	1.1	.4	.2	.1	.1	.0								744	744							
84/ 83		.0	.4	1.6	2.0	1.2	.6	.3	.2	.1	.0								1252	1258	2						
82/ 81		.1	1.1	2.3	1.5	1.2	.6	.4	.2	.1									1484	1484	23						
80/ 79	.0	.7	2.4	2.4	1.5	1.0	.8	.4	.2	.0	.0								1859	1859	386						
78/ 77	.1	1.9	3.1	1.9	1.5	.8	.5	.3	.1	.0									2012	2012	1582						
76/ 75	.0	2.9	2.2	1.6	1.0	.8	.4	.2	.1	.0									1956	1956	2372						
74/ 73	1.4	3.4	2.0	1.0	.9	.6	.2	.2	.1										1933	1933	2664						
72/ 71	2.1	3.0	1.9	.9	.7	.2	.2	.1	.0										1836	1836	2584						
70/ 69	1.8	3.1	1.8	1.0	.5	.2	.1	.1	.0										1693	1694	2361						
68/ 67	1.0	1.8	2.1	.8	.4	.2	.1	.0											1261	1261	1854						
66/ 65	.0	1.9	1.5	.6	.3	.0	.1												1035	1035	1589						
64/ 63	.5	1.5	1.1	.9	.1	.0	.0	.0											773	773	1413						
62/ 61	.2	1.2	.7	.4	.1	.0	.0												517	518	1002						
60/ 59	.2	.9	.5	.3	.1	.0	.0												404	404	817						
58/ 57	.2	.6	.4	.2	.0	.0													273	273	533						
56/ 55	.1	.4	.3	.1	.0														193	193	355						
54/ 53	.1	.2	.1	.1															85	85	252						
52/ 51	.1	.1	.1	.0															52	52	149						
50/ 49	.0	.0	.0	.0	.0														22	22	57						
48/ 47	.0	.0	.0																12	12	40						
46/ 45		.0																	2	2	18						
44/ 43																					4						
42/ 41																					1						
40/ 39																											
38/ 37																											
34/ 33																											
TOTAL	9.223	821.8	21.8	16.2	12.1	8.1	4.6	2.6	1.1	.4	.1	.0							19828	19830	19827						
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ						
Rel. Hum.	129910211		1579329		79.7		14.384		19826		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F						
Dry Bulb	109106646		1463358		73.0		7.518		19830						597.7		423.7		177.8		1.1						
Wet Bulb	95219605		1368261		69.0		6.355		19828						494.9		248.0		5.0								
Dew Point	88901296		1320182		66.6		7.091		19827						416.8		160.6		.3								

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0-26-5 (OL A)

FORM

USAETAC

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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MYRTLE BEACH AFB SOUTH CAROLINA

42-46, 49-72

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-46,49-72

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STATION

STATION NAME

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PAGE 1

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
84/ 83							.0																											2	2		
82/ 81							.0																											1	1		
80/ 79						.0	.0	.0	.0																									9	9		
78/ 77			.0		.0	.0	.0	.0	.0								.0																29	25			
76/ 75			.0	.0	.0	.0	.1	.1	.0	.0							.0																54	54			
74/ 73		.0	.0	.1	.1	.1	.0	.0		.0																							64	64	1		
72/ 71		.0	.1	.2	.1	.1	.1	.0	.0		.0																						134	134	11	1	
70/ 69	.0	.2	.3	.3	.2	.1	.1	.0	.0		.0																						230	238	38	10	
68/ 67	.1	.4	.5	.3	.2	.2	.1	.1	.0	.0	.0																						381	381	138	65	
66/ 65	.2	1.1	.7	.4	.2	.1	.1	.1	.1	.0																							645	645	323	186	
64/ 63	.3	1.5	.7	.4	.2	.2	.1	.1	.1	.0	.0																						798	810	588	389	
62/ 61	.6	1.7	.6	.4	.3	.2	.2	.1	.1	.0	.0	.0																					869	880	744	626	
60/ 59	.8	1.7	.8	.4	.3	.4	.2	.2	.2	.0																							1004	1307	872	739	
58/ 57	.6	1.6	.8	.5	.3	.4	.3	.1	.0	.0																							1009	1312	772	745	
56/ 55	.6	1.6	.8	.7	.6	.5	.3	.2	.0																								1124	1127	865	747	
54/ 53	.5	1.6	1.0	.7	.7	.5	.3	.0	.0																								1129	1132	817	732	
52/ 51	.6	1.4	.9	.8	.8	.6	.2	.0	.0																								1111	1115	883	790	
50/ 49	.6	1.6	1.0	1.0	.8	.6	.2	.0																									1246	1252	1067	741	
48/ 47	.6	1.6	.9	1.0	.7	.5	.2	.0																									1192	1193	1161	748	
46/ 45	.7	1.6	.9	.9	.8	.4	.1																										1124	1125	1272	914	
44/ 43	.5	1.7	1.1	.9	.6	.3	.1																										1108	1108	1201	870	
42/ 41	.8	1.7	1.1	.8	.7	.3	.0																										1147	1147	1354	899	
40/ 39	.7	1.7	1.4	1.0	.6	.2	.0																										1186	1187	1244	1060	
38/ 37	.5	1.7	1.2	.8	.4	.1																											991	993	1226	1017	
36/ 35	.6	1.8	1.1	.7	.3	.0																											946	948	1250	1120	
34/ 33	.4	1.8	1.1	.6	.1																												869	871	1098	1080	
32/ 31	.4	1.6	1.0	.5	.1																												754	758	1073	1109	
30/ 29	.3	1.5	1.1	.4	.0																												696	696	891	1044	
28/ 27	.4	1.2	.6	.2																													527	528	792	781	
26/ 25	.2	.6	.4	.1																													317	318	607	972	
24/ 23	.2	.6	.2	.0																													208	208	394	790	
22/ 21	.1	.4	.1	.0																													125	125	236	656	
20/ 19	.1	.2	.1	.0																													84	84	149	508	
18/ 17	.1	.1	.0																														37	37	64	544	
Element (X)	Σ X'			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																											≤ 0 F				≤ 32 F						
Dry Bulb																											≥ 67 F				≥ 73 F						
Wet Bulb																											≥ 80 F				≥ 93 F						
Dew Point																																			Total		

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

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HOURS (L, S, T.)

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DATA PROCESSING BRANCH
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13717 MYRTLE BEACH AFB SOUTH CAROLINA

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STATION

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
68/ 67		.0	.0															2	2	
66/ 65		.7	.4	.1														34	34	3
64/ 63	.8	1.5	.4	.2														76	76	55
62/ 61	.7	2.1	.5	.1			.0											91	91	73
60/ 59	1.1	1.9	.3	.1	.2													94	94	106
58/ 57	.7	2.1	.6	.1	.0	.1		.0										103	103	87
56/ 55	1.4	1.5	.7	.2	.1	.1	.1											115	115	93
54/ 53	.7	2.3	.4	.2	.2	.0	.0											107	107	101
52/ 51	1.1	2.2	.6	.1	.4	.2												122	122	106
50/ 49	1.0	2.0	1.0	.3	.4	.1												130	130	113
48/ 47	.9	2.7	.9	.5	.4													143	143	113
46/ 45	.7	2.2	1.2	.9	.4													143	143	140
44/ 43	.9	2.4	1.1	.7	.3	.1												145	146	127
42/ 41	1.0	1.7	.9	.6	.2		.0											121	121	145
40/ 39	1.2	3.4	1.5	.8	.1	.0												188	188	158
38/ 37	.8	2.6	1.5	1.0	.1	.0												163	163	159
36/ 35	1.2	3.0	1.3	.8	.1	.0												174	174	172
34/ 33	1.1	2.1	1.6	.6	.0													146	146	166
32/ 31	.7	2.4	.9	.6	.0													125	126	142
30/ 29	.7	3.8	1.0	.3	.0													157	157	170
28/ 27	.5	2.2	.7	.1														95	95	146
26/ 25	.5	2.2	.8	.0														96	96	116
24/ 23	.4	.9	.6															48	48	82
22/ 21	.2	.4	.3															23	23	46
20/ 19	.2	.3	.1															15	15	28
18/ 17		.2	.1															8	8	10
16/ 15		.1	.0															3	3	7
14/ 13																				5
12/ 11																				
10/ 9																				21
8/ 7																				19
6/ 5																				12
4/ 3																				7
2/ 1																				5
																				4

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAH

YEARS

MONTH

0000-0200

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

JAN

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0300-0500

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69			.1															2	2						
68/ 67		.1	.2															10	10						
66/ 65	.1	.4	.4															25	25	14	7				
64/ 63	.4	1.5	.6	.1														68	68	38	29				
62/ 61	.5	2.0	.4	.1	.0													83	83	62	50				
60/ 59	.9	2.3	.3		.1	.1												99	99	107	91				
58/ 57	1.0	1.6	.3	.1	.1													83	83	98	105				
56/ 55	1.1	1.8	.5	.1	.0													95	95	84	90				
54/ 53	1.3	1.5	.4	.3	.1		.1											101	101	89	83				
52/ 51	.9	1.9	.5	.2	.1	.1												101	101	87	85				
50/ 49	1.2	2.0	.7	.4	.1	.1												122	122	103	86				
48/ 47	.8	2.7	.3	.2	.1	.1												108	108	93	77				
46/ 45	1.4	2.6	.8	.8	.2													150	150	141	115				
44/ 43	1.2	3.0	1.0	.8	.4													170	170	130	126				
42/ 41	1.1	1.7	.6	.7	.5													123	123	133	118				
40/ 39	1.0	3.3	1.2	.3	.1													159	159	141	103				
38/ 37	.8	3.1	1.1	.2														141	141	157	117				
36/ 35	1.3	3.0	1.6	.9	.1	.0												185	185	182	151				
34/ 33	1.5	2.8	1.9	.4		.1												158	158	153	133				
32/ 31	1.3	2.4	1.5	.3														146	146	153	133				
30/ 29	.8	3.6	1.6	.1														160	160	166	144				
28/ 27	.9	2.7	1.0	.1														125	125	171	103				
26/ 25	1.0	2.0	.6	.1														98	98	130	135				
24/ 23	.5	1.2	.5															58	58	85	135				
22/ 21	.4	1.2	.3															53	53	56	131				
20/ 19	.3	.8	.0															25	25	60	77				
17/ 17	.2	.2	.1															14	14	24	57				
16/ 15		.1	.1															8	8	5	53				
14/ 13		.0																1	1	6	52				
12/ 11																				3	34				
10/ 9																					22				
8/ 7																					8				
6/ 5																					8				
4/ 3																					5				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L. S., T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

JAN

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
58/ 67		.2	.0															6	6					
66/ 65	.1	1.0	.4		.0													42	42	17	11			
64/ 63	.2	1.1	.3	.0														45	45	30	21			
62/ 61	.3	2.1	.3	.0														79	79	59	46			
60/ 59	1.1	2.4	.4	.2	.2	.1												118	119	117	104			
58/ 57	.7	1.4	.4	.2	.1													75	75	85	91			
56/ 55	1.1	1.7	.3	.3	.0													93	94	81	85			
54/ 53	1.4	1.8	.3	.1		.0												98	98	89	82			
52/ 51	1.0	2.2	.4	.2		.0												105	105	101	81			
50/ 49	1.3	2.2	.7	.2														119	119	122	112			
48/ 47	.8	2.5	1.0	.3	.2	.0												129	129	96	90			
46/ 45	.6	2.4	.7	.4	.0	.1												111	111	112	90			
44/ 43	1.1	2.3	.7	.5	.4													133	133	115	129			
42/ 41	.9	2.5	.9	.6	.4													145	145	131	101			
40/ 39	1.0	2.8	1.5	.8	.1													163	163	121	115			
38/ 37	.6	3.2	1.6	.5	.0													161	161	133	115			
36/ 35	1.3	3.7	1.3	.6														186	186	213	112			
34/ 33	.9	3.3	1.9	.4		.0												177	177	178	171			
32/ 31	1.2	2.7	1.2	.4	.1													149	149	171	147			
30/ 29	.5	2.8	1.4	.1														129	129	146	158			
28/ 27	.6	2.2	1.1	.9														118	118	149	94			
26/ 25	.7	2.8	.7															114	114	133	118			
24/ 23	.4	1.6	.8	.1														79	79	102	136			
22/ 21	.3	.9	.3															40	40	63	119			
20/ 19	.3	.6	.3															39	40	49	91			
18/ 17	.3	.3	.1															18	18	37	60			
16/ 15	.0	.3																8	8	12	63			
14/ 13		.3																7	7	9	36			
12/ 11																				5	42			
10/ 9																					15			
8/ 7																					17			
6/ 5																					14			
4/ 3																					9			
2/ 1																					7			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature								Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0.26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN

YEARS

MONTH

0600-0830

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 4-72

USAFETAC

2
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1

JAN

YEARS

MONTH

HOURS (L, S, T,)

USAFETAC FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

448

STATION

STATION NAME

YEARS

PAGE 2

MONTH
0900-1100

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
10/ 9																					24			
8/ 7																					12			
6/ 5																					10			
4/ 3																					13			
2/ 1																					7			
0/ -1																					6			
-2/ -3																					1			
-4/ -5																					5			
-6/ -7																					2			
TOTAL	5.925	.524	.221	.613	.5	6.3	2.4	.6	.1										2686	2681				
																		2682	2682					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81																								
80/ 79							.1	.1	.0	.1								1	1					
78/ 77					.0	.1	.3	.1										9	9					
76/ 75					.1	.3	.4	.1	.0									17	17					
74/ 73				.1	.6	.3	.3	.1	.1			.0	.0					27	27					
72/ 71			.0	.5	.5	.2	.4	.1	.1	.1	.0							42	42					
70/ 69		.1	.7	1.0	.6	.4	.3	.2	.1									51	51					
68/ 67		.2	.8	.9	.9	.7	.3	.2	.1	.1								94	94	3				
66/ 65		.6	.4	1.3	.7	.1	.3	.1	.2									112	112	37	4			
64/ 63	.0	1.0	.7	1.2	.4	.3	.4	.5	.1									100	100	75	20			
62/ 61	.1	.9	1.0	.9	.4	.6	.3	.4	.3	.0								122	122	112	54			
60/ 59	.1	.9	.6	.9	.9	.6	.3	.4	.3									134	134	100	79			
58/ 57	.2	1.2	.8	1.3	1.3	1.0	1.0	.6	.0									135	135	135	102			
56/ 55	.3	1.1	.5	1.0	1.2	1.2	.7	.4	.1									199	199	136	98			
54/ 53	.1	.9	.4	1.2	1.5	1.2	.9	.3										175	175	107	125			
52/ 51	.3	.8	.8	1.3	1.1	1.2	1.0	.2										175	175	120	123			
50/ 49	.3	.5	.5	1.2	1.5	1.8	.9	.0										181	181	146	97			
48/ 47	.1	1.1	.9	1.0	2.0	1.3	.5	.0										179	179	131	106			
46/ 45	.2	.7	.4	1.2	1.7	1.6	.4											183	183	173	88			
44/ 43	.1	.9	.5	.3	.8	.8	.2											169	169	208	110			
42/ 41	.5	.6	.9	.7	1.2	.9												98	98	170	101			
40/ 39	.5	.9	.2	.6	1.3	.3												131	131	195	114			
38/ 37	.1	.8	.3	.6	.8	.1												106	106	206	137			
36/ 35	.1	.4	.2	.4	.3	.1	.1											75	75	163	123			
34/ 33	.1	.5	.1	.1	.3													42	42	125	147			
32/ 31	.1	.4	.2	.3	.1													34	34	104	106			
30/ 29	.0	.5	.1	.2	.1													31	31	94	135			
28/ 27		.0	.1	.3	.0													28	28	50	119			
26/ 25		.1																12	12	31	86			
24/ 23			.1	.0														5	5	22	107			
22/ 21				.0														4	4	11	96			
20/ 19			.1	.0														1	1	11	84			
18/ 17			.0															3	3	6	53			
16/ 15																		1	1		77			
Element (X)	Σ X ²		Σ X		Σ		Σ _A		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

1471

STATION

STATION NAME

YEARS

PAGE 2

MONTH

1200-1400

HOURS (L, S, T,)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

JAN

STATION

STATION NAME

YEARS

PAGE 1

MONTH
1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79								.1	.0									4	4		
78/ 77						.0	.1	.0										5	5		
76/ 75						.1	.2	.0	.0	.1								13	13		
74/ 73					.1	.2	.1	.0	.1		.0							17	17		
72/ 71				.2	.3	.1	.0	.0	.1									20	20		
70/ 69		.1	.3	.7	.4	.3	.3	.1	.0		.0							59	59	1	
68/ 67	.0	.1	.6	.5	.5	.3	.2	.1	.1	.2								74	74	7	2
66/ 65		.8	.8	1.2	.4	.3	.1	.2	.1	.1								105	105	41	4
64/ 63	.1	1.1	1.1	1.0	.4	.4		.0	.1	.1								115	115	82	23
62/ 61	.3	1.2	1.2	.8	.4	.3	.1	.2	.1	.1								131	131	101	77
60/ 59	.5	2.2	1.6	1.0	1.0	.3	.2	.3	.3									199	199	141	114
58/ 57	.1	1.7	1.2	.8	.9	.7	.4	.4	.0									171	171	160	98
56/ 55	.3	1.2	1.1	1.6	1.2	1.1	.6	.3	.1									202	202	135	146
54/ 53	.1	1.1	1.0	1.3	1.3	.6	.7	.4	.0									190	190	121	136
52/ 51	.1	1.0	1.3	1.4	1.3	1.4	.7	.1										211	211	124	91
50/ 49	.3	.9	1.2	1.6	1.7	1.2	.5	.0										199	199	162	118
48/ 47	.1	.9	1.0	1.4	1.9	1.4	.2											185	185	189	84
46/ 45	.3	1.1	1.3	1.5	1.5	.8	.5	.0										190	190	210	121
44/ 43	.5	.4	.9	1.1	.9	1.0	.3											135	135	205	145
42/ 41	.6	1.0	.7	.7	1.2	.8	.0											137	137	196	135
40/ 39	.8	.7	.4	.6	1.3	.3												103	103	228	136
38/ 37	.3	.7	.2	.7	.7	.1	.0											74	74	150	145
36/ 35	.0	.4	.1	.4	.2	.0	.0											34	36	105	128
34/ 33	.3	.6	.1	.1	.3													39	39	109	129
32/ 31	.1	.5	.2	.4	.0													34	34	105	123
30/ 29		.3		.2	.1													14	14	36	115
28/ 27		.1		.2														8	8	30	82
26/ 25																				16	101
24/ 23			.1	.0														4	4	6	87
22/ 21			.0	.1														5	5	7	69
20/ 19																				3	53
18/ 17																				4	53
16/ 15																				2	49
14/ 13																					24
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

4

MONTH

HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM 10-67

US.AFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

JAN

STATION

STATION NAME

YEARS

PAGE 1

MONTH
1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
70/ 69			.0	.0	.1														5	5				
68/ 67			.1	.3			.0												10	10				
66/ 65		.6	.5	.1	.0	.0		.0											30	30	5	1		
64/ 63	.1	1.2	.6	.3	.0	.1	.1	.1	.0										70	70	27	13		
62/ 61	.7	2.2	.7	.1	.2	.0	.0	.1											108	108	77	51		
60/ 59	1.3	2.9	.8	.4	.1		.0	.0	.0										145	145	120	104		
58/ 57	.6	2.8	1.5	.5	.1	.0	.1	.0	.0										152	152	109	110		
56/ 55	.7	3.1	1.2	.6	.1		.2	.1											162	162	143	106		
54/ 53	.5	2.0	1.2	.7	.2	.2	.1												133	133	152	133		
52/ 51	.8	2.3	1.6	.9	.3	.4													172	172	121	119		
50/ 49	.8	1.9	2.0	.8	.3	.1	.1												161	161	143	117		
48/ 47	.4	2.3	2.3	1.5	.6	.2													198	198	140	107		
46/ 45	.5	2.8	2.0	1.3	.7	.1													202	202	185	134		
44/ 43	.6	2.9	1.9	1.6	.6	.1													205	205	188	150		
42/ 41	.9	1.5	1.6	1.5	.8	.1													168	168	174	172		
40/ 39	.3	2.0	1.8	1.3	.4	.1													157	157	183	145		
38/ 37	.3	1.8	1.3	1.3	.3	.0													133	133	162	122		
36/ 35	.5	1.9	1.2	.9	.2														128	128	160	130		
34/ 33	.5	2.1	1.2	.6	.0	.0													120	120	158	147		
32/ 31	.3	1.2	.9	.3	.0	.0													74	74	139	133		
30/ 29	.1	1.6	.6	.4	.0														80	80	72	157		
28/ 27	.1	.6	.7	.2															41	41	83	107		
26/ 25		.1	.1	.1															9	9	43	97		
24/ 23		.0	.3	.1															10	10	28	84		
22/ 21			.1																2	2	12	73		
20/ 19			.1																3	3	10	51		
18/ 17			.0																1	1	2	32		
16/ 15																					2	21		
14/ 13																					1	24		
12/ 11																						19		
10/ 9																						10		
8/ 7																						5		
6/ 5																						6		
4/ 3																						6		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

13717	MYRTLE BEACH AFB SOUTH CAROLINA	42-47,49-72
STATION	STATION NAME	

JAN

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

JAN

STATION

STATION NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 67		.1	.0		.1													6	6	1			
66/ 65	.1	.5	.4	.2														31	31	5	4		
64/ 63	.4	1.5	.3	.1		.1												66	66	38	25		
62/ 61	1.0	2.1	.6	.1	.1	.1	.0	.0	.0									110	110	81	60		
60/ 59	.9	2.4	.6	.4	.0	.1		.0										118	119	108	96		
58/ 57	.6	1.9	.6	.4	.1	.0												104	104	91	103		
56/ 55	.3	2.2	1.0	.3	.3	.0	.0	.0										125	125	108	72		
54/ 53	.6	1.9	.8	.3	.5	.1	.0											114	116	98	110		
52/ 51	1.0	2.4	.9	.6	.4			.0										141	141	127	105		
50/ 49	.9	2.3	.9	.6	.2	.3												140	140	155	108		
48/ 47	.8	2.0	1.9	.6	.3	.0												172	172	112	121		
46/ 45	.5	2.4	1.3	1.1	.2	.0	.0											153	153	160	98		
44/ 43	1.1	2.2	1.3	.6	.4													150	150	166	112		
42/ 41	1.2	2.2	1.4	1.2	.5													173	173	155	147		
40/ 39	1.0	2.7	1.7	1.2	.3													185	185	181	153		
38/ 37	.4	2.2	1.1	1.0	.1	.0												141	141	148	152		
36/ 35	.4	2.5	1.2	.6	.1													144	144	174	139		
34/ 33	.6	2.6	.9	.5	.0													124	124	148	130		
32/ 31	.9	2.8	.6	.4	.0													122	122	155	129		
30/ 29	.5	3.2	1.0	.2	.0													134	134	135	138		
28/ 27	.4	2.8	.7	.1														111	111	125	139		
26/ 25	.1	1.4	.5	.1														56	56	104	120		
24/ 23	.0	.7	.3															27	27	50	110		
22/ 21	.0	.3	.2															15	15	31	75		
20/ 19			.0															1	1	14	64		
18/ 17		.1	.1															4	4	3	44		
16/ 15		.1	.0															3	3	4	32		
14/ 13																				3	26		
12/ 11																					15		
10/ 9																					12		
8/ 7																					13		
6/ 5																					3		
4/ 3																					9		
2/ 1																					5		
Element (X)	Σ X ²		Σ X		̄X	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

JAT!

YEARS

2100-2300

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69				.0														1	1						
68/ 67	.0	.0	.1	.1	.1													10	10	2	2				
66/ 65	.2	.2	.3	.2	.1													35	35	4	4				
64/ 63	.2	1.2	.5	.2	.1													50	50	31	9				
62/ 61	.5	1.8	.3	.5	.1													77	77	63	49				
60/ 59	.9	1.6	.9	.4	.0	.1												93	93	82	80				
58/ 57	.6	2.1	.9	.2	.3	.2												105	105	67	65				
56/ 55	1.2	2.6	.9	.6	.3	.2												137	137	127	91				
54/ 53	1.0	1.5	1.3	.7	.3	.1												117	129	106	109				
52/ 51	1.0	1.5	.6	.5	.4	.3	.0											112	112	93	98				
50/ 49	1.1	2.3	1.5	1.4	.9	.3												179	180	134	81				
48/ 47	1.2	2.6	1.0	.7	.5	.3	.0											153	155	131	120				
46/ 45	.7	1.8	1.5	.4	.3	.2												115	116	128	118				
44/ 43	1.1	2.0	1.0	.8	.6	.0												134	135	158	109				
42/ 41	.8	1.9	1.3	.9	.6	.1												136	136	130	98				
40/ 39	.9	2.3	1.7	1.2	.4													158	159	137	118				
38/ 37	.9	2.1	2.0	1.1	.2	.1												157	157	134	138				
36/ 35	1.1	2.0	1.1	1.6	.3	.0												147	147	169	134				
34/ 33	.7	2.2	.9	.7														109	110	154	113				
32/ 31	1.3	2.0	.9	1.0	.0													142	144	149	124				
30/ 29	1.0	1.6	.9	.5														100	100	151	149				
28/ 27	.5	1.2	.8	.1														62	62	93	97				
26/ 25	.4	1.0	.3	.2														45	45	82	117				
24/ 23	.1	.7	.4	.0														28	28	44	73				
22/ 21		.3	.2															13	13	27	73				
20/ 19	.2	.0	.1															7	7	18	62				
18/ 17		.1	.0															3	3	7	56				
16/ 15			.0															1	1	4	42				
14/ 13																				2	26				
12/ 11		.1																2	2		17				
10/ 9																				2	10				
8/ 7																					16				
6/ 5																					10				
4/ 3																					5				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

Abstract

748

YEARS

MONTH

HOURS (L. S. T.)

0-26 5 (QLA)

USAFETAC

PSYCHROMETRIC SUMMARY

43-47, 49-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

MONTH
0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

FES

YEARS

MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(A)

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USAFETAC

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1.

Fig. 9

STATION NAME

YEARS

MONTH

0600-0200

HOURS 11 5 7

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A)

70

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W30

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AC

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SAF

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PSYCHROMETRIC SUMMARY

23717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47,49-72

Fr L

PAGE 2 0600-0800

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
27 - 1																						5													
26 - 1																						4													
-27 - 3																						3													
-61 - 7																						3													
-37 - 9																						1													
-10/-11																						1													
TOTAL	17.742	9.254	11.1	2.8	.7	.1	.3											2429	2438	2429	2429														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	≥ 80 F	≥ 92 F	
Ref. Hum.	16256445	194753	80	216.254	2429							
Dry Bulb	4742097	103865	42.6	11.450	2438		18.3	.2				84
Wet Bulb	4261774	97762	40.2	11.606	2429		24.3	.0				84
Dew Point	3724902	88678	36.5	14.169	2429	.4	34.3					84

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PSYCHROMETRIC SUMMARY

FEB

PAGE 1

MONTH
0960-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
87/ 79							.0											1	1														
78/ 77							.0											1	1														
76/ 75					.1	.2	.1	.0							.0			10	10														
74/ 73		.0		.0	.3	.1	.0	.0										14	14														
72/ 71			.0	.3	.1	.1	.2		.0									20	20	1	1												
70/ 69		.0	.5	.4	.4	.2	.2		.0									43	43														
68/ 67		.2	.7	.4	.4	.2	.1	.0	.1									53	53	9													
66/ 65	.1	.6	.6	.7	.9	.5	.1	.2	.1									93	93	48	10												
64/ 63	.1	1.1	.8	1.0	.8	.2	.3	.2	.1									106	106	54	42												
62/ 61	.5	1.3	.8	.8	.5	.3	.5	.2	.0									123	123	91	77												
60/ 59	.9	1.8	.7	.9	.5	.8	.5	.2										155	156	116	74												
58/ 57	.4	1.6	.8	.7	.9	.4	.5	.1	.1									135	136	125	96												
56/ 55	.6	.8	.7	1.2	1.1	1.2	.3	.1										146	146	117	94												
54/ 53	.5	1.2	.8	1.2	.9	.9	.6	.1										152	152	94	99												
52/ 51	.3	1.2	1.0	1.1	1.0	1.0	.5	.1										150	151	102	84												
50/ 49	.3	1.4	1.2	1.2	1.4	1.2	.4	.0										171	172	164	102												
48/ 47	.2	1.0	.9	1.6	1.6	1.1	.2											163	163	145	92												
46/ 45	.1	1.3	.8	1.6	1.7	.8	.1											153	154	164	93												
44/ 43	.7	1.3	.5	1.4	1.5	.7	.2											150	151	159	117												
42/ 41	.3	1.1	.9	1.5	1.0	.4												128	128	167	117												
40/ 39	.4	.7	.8	1.2	.9	.8												112	112	159	115												
38/ 37	.2	.7	.9	1.0	.9	.2												94	94	161	111												
36/ 35	.3	.3	.7	.9	.7													74	74	144	120												
34/ 33	.1	.5	.5	.8	.6	.0												61	61	105	97												
32/ 31	.1	.2	.7	.8	.2													49	49	78	132												
30/ 29		.2	.5	.5	.1	.0												31	31	71	105												
28/ 27		.0	.2	.4	.0													17	17	60	96												
26/ 25			.1	.4														11	11	40	99												
24/ 23			.2	.1														7	7	23	75												
22/ 21			.1	.1														4	4	15	65												
20/ 19			.1																														

PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

YEARS

PAGE: 2

MONTH

0900-1100

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
12/ 11																					30				
13/ 9																					23				
8/ 7																					21				
6/ 5																					17				
4/ 3																					15				
2/ 1																					5				
0/ -1																					5				
-2/ -3																					5				
-4/ -5																					1				
-6/ -7																					2				
-8/ -9																					2				
-14/-15																					1				
TOTAL	6.1	10.7	6.3	22.4	18.3	11.3	4.9	1.5	.5					.0				2432	2438	2432	2452				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 1041-1

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83									.0									1	1					
82/ 81									.0									2	2					
80/ 79							.1		.0									7	7					
78/ 77						.1	.2		.1									12	12					
76/ 75					.1	.4	.2		.1									19	19					
74/ 73				.1	.3	.2	.0		.2									23	23					
72/ 71			.0	.4	.5	.3	.2		.3	.2					.1			49	49					
70/ 69		.0	.5	.5	.7	.6	.5		.3	.1	.2	.0						84	84	1				
68/ 67		.2	.7	.8	.8	.9	.4		.3	.2	.1							92	93	18				
66/ 65	.0	.5	.9	1.4	.8	.6	.4		.5	.5	.1							138	138	61	9			
64/ 63	.2	1.3	1.1	.9	.9	.6	.5		.3	.5	.0							168	168	76	41			
62/ 61	.2	1.0	.9	.9	.6	1.0	.6		.8	.2	.0							151	153	111	64			
60/ 59	.4	1.3	1.0	.8	.9	1.2	.6		.8	.6								187	188	156	93			
58/ 57	.3	1.1	.6	.8	.9	.9	.8		1.2	.2								166	168	126	134			
56/ 55	.4	.7	.7	1.0	1.2	2.1	1.2		.6	.2								194	194	133	108			
54/ 53	.2	.8	.9	1.1	1.3	1.6	1.6		.3	.1								194	194	110	96			
52/ 51	.2	.6	.7	.9	.9	1.4	.9		.1									140	140	154	91			
50/ 49	.1	.7	.9	1.1	1.6	1.4	1.0		.2									173	173	166	87			
48/ 47	.2	.7	.5	.8	1.4	1.3	.9		.0									135	135	160	100			
46/ 45	.2	.8	.4	1.0	.9	1.2	.7		.0									128	128	204	95			
44/ 43	.2	.5	.3	.5	.7	1.1	.5											88	88	189	125			
42/ 41	.2	.6	.5	.3	.5	.7	.2											74	74	168	117			
40/ 39	.2	.4	.5	.5	.9	.6												75	75	154	119			
38/ 37	.2	.2	.2	.4	.5	.5												48	48	113	88			
36/ 35	.0	.2	.2	.4	.5	.2												37	37	91	117			
34/ 33	.1	.2	.1	.2	.4													24	24	81	100			
32/ 31	.0	.1		.2	.2													12	12	71	123			
30/ 29				.1	.1													5	5	35	114			
28/ 27				.0														1	1	27	75			
26/ 25				.1														3	3	14	90			
24/ 23				.1														2	2	6	75			
22/ 21			.0															1	1	2	72			
20/ 19																				3	56			
18/ 17																				3	41			
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

FEB

MONTH

1200-1400

HOURS (L, S, T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
- REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79							.0		.2	.0									8	5					
78/ 77					.0	.0	.0	.1	.0	.1	.0								10	10					
76/ 75				.0	.0	.1	.1	.0		.0	.1	.0							12	12					
74/ 73					.0	.2	.1	.0	.1	.1									14	14					
72/ 71			.0	.2	.3		.1	.4	.1	.0	.0	.0							31	31					
70/ 69			.1	.5	.2	.2	.1	.3	.0	.1									37	38	2				
68/ 67		.1	.5	.7	.3	.2	.4	.1	.1	.1									63	64	6				
66/ 65		.5	.9	1.4	.4	.5	.2	.3	.5	.2									117	117	28	4			
64/ 63	.2	1.6	1.5	.8	.5	.3	.5	.7	.6	.1									167	169	60	27			
62/ 61	.2	1.5	1.7	.8	.6	.6	.7	.7	.5	.0									178	178	107	56			
60/ 59	.3	1.5	1.6	1.0	.7	1.0	.5	.5	.2										184	184	144	106			
58/ 57	.6	.5	1.4	.9	1.0	1.2	.6	.6	.4										173	173	142	113			
56/ 55	.5	1.1	1.5	1.5	1.2	1.4	.9	.7	.0										218	218	133	108			
54/ 53	.1	1.1	1.6	1.5	1.5	1.4	.9	.5	.0										212	213	119	33			
52/ 51	.2	.7	1.3	1.5	1.5	1.1	.8	.5											183	184	155	121			
50/ 49	.5	1.2	1.2	1.6	1.3	1.6	.6	.2											195	195	210	101			
48/ 47	.2	.8	.9	1.5	1.9	1.2	.6	.3											185	185	195	125			
46/ 45	.1	.6	.7	.6	1.0	.8	.5	.1											106	108	214	123			
44/ 43	.3	.8	.3	.8	.6	.7	.3												97	87	195	115			
42/ 41	.4	.3	.4	.6	.7	.5	.2												74	74	176	137			
40/ 39	.2	.3	.2	.7	.7	.6	.0												66	66	145	126			
38/ 37	.1	.0	.2	.4	.6	.2													34	38	114	116			
36/ 35		.1	.2	.4	.3	.1													26	26	85	115			
34/ 33	.0	.3		.1	.2														15	15	81	117			
32/ 31	.0	.1		.1	.1														4	9	61	113			
30/ 29				.0															1	1	33	97			
28/ 27				.0	.1														3	3	13	71			
26/ 25				.1															3	3	9	35			
24/ 23																					2	65			
22/ 21																					4	53			
20/ 19																					2	43			
18/ 17																						40			
16/ 15																						39			
14/ 13																						34			
Element (X)	Σ X ²			Σ X			X			X			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

F-5

MONTH

1500-1700

HOURS (L, S, T.)

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.0											1	1		
72/ 71				.0					.0									2	2		
70/ 69			.1	.1														4	4		
68/ 67		.0	.0	.1			.1	.0			.0							10	10	1	
66/ 65		.3	.3	.1	.0	.0	.1											21	21	3	1
64/ 63	.2	1.0	.6	.2	.2	.1	.0											58	58	21	11
62/ 61	.4	2.6	.9	.4	.3	.2	.0	.2	.0									122	122	57	43
60/ 59	1.2	2.7	1.3	.5	.5	.3	.1											162	163	117	88
58/ 57	1.0	2.0	1.4	.4	.7	.2	.4	.1										150	150	125	97
56/ 55	.8	2.7	2.1	.9	.6	.3	.2	.1										108	108	133	122
54/ 53	.6	1.8	2.1	.9	.7	.6	.3	.0										171	171	128	101
52/ 51	.6	2.1	1.6	1.4	1.0	.6	.3											187	188	130	92
50/ 49	.7	2.3	2.7	1.8	.9	.7	.2		.0									225	226	177	131
48/ 47	.7	2.3	1.8	1.5	.8	.7	.1											189	189	170	131
46/ 45	.5	2.2	2.1	1.1	.8	.6	.1											178	181	200	151
44/ 43	.2	2.0	1.9	1.7	.5	.4	.1											164	164	194	126
42/ 41	.6	2.1	1.6	1.4	.6	.5	.0											162	162	200	146
40/ 39	.2	1.2	1.1	1.4	.7	.4												121	121	168	159
38/ 37	.3	1.1	1.3	1.1	.7	.2												112	112	146	143
36/ 35	.2	.4	.8	.8	.4													64	64	114	131
34/ 33	.1	.8	.3	.5														47	42	95	95
32/ 31	.2	.5	.5	.3	.1													39	39	99	106
30/ 29		.3	.9	.2	.1													29	29	58	95
28/ 27			.2	.0														7	7	40	89
26/ 25		.1	.1	.1														8	8	18	82
24/ 23			.0	.1														4	4	18	46
22/ 21																				1	64
20/ 19																				5	36
18/ 17																				2	32
16/ 15																					23
14/ 13																					16
12/ 11																					23
10/ 9																					10
8/ 7																					10
Element (X)	Σ x²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

FF6

STATION

STATION NAME

YEARS

PAGE 2

MONTH

1800-2000

HOURS (L. S. T.)

[illegible]

FORM 64
JUL 64

FOI 04

USAFETAC

2

1

FF3

YEARS

MONTH

2100-2300

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

F46

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
2/ 1																					3				
0/ -1																					2				
-2/ -3																					3				
-6/ -7																					2				
TOTAL	13.74	5.72	1.9	12.4	8.5	2.5	.5											2416	2426	2416	2416				

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	15645556	189778	78.6	17.498	2416							
Dry Bulb	5364924	111492	46.0	9.971	2426		8.5	.2				84
Wet Bulb	4729826	103992	43.0	10.249	2416		14.0	.0				34
Dew Point	4088869	94573	39.1	12.910	2416	.3	26.5					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYPTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

MAP

STATION

STATION NAME

YEARS

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69		.2	.1	.1					.0									12	12						
68/ 67	.0	.9	.2	.1														35	35	14	7				
66/ 65	.7	1.6	.7	.2	.1	.1	.0		.1									93	93	52	42				
64/ 63	.5	2.1	1.1	.3	.1	.0	.0	.0										113	113	70	57				
62/ 61	1.6	3.1	1.3	.4	.1	.0												177	177	134	104				
60/ 59	1.4	2.9	1.0	.7	.4	.1	.1											176	176	159	139				
58/ 57	1.8	2.8	.7		.1	.1	.2											153	153	163	162				
56/ 55	.9	3.2	1.4	.5	.3	.2	.1											178	178	167	130				
54/ 53	1.1	2.3	1.7	.7	.5	.3	.1											177	177	148	160				
52/ 51	1.0	2.4	1.6	.5	.4	.3												169	169	132	122				
50/ 49	.3	2.6	1.7	.9	.6	.2	.0											181	181	153	127				
48/ 47	1.1	2.7	1.3	.6	.4	.2												167	167	179	142				
46/ 45	.5	2.6	1.5	1.0	.3	.2												163	163	180	137				
44/ 43	.5	2.2	1.3	.7	.6	.1												143	143	153	145				
42/ 41	.3	1.7	1.2	1.1	.4	.1												143	143	152	116				
40/ 39	1.2	2.2	1.5	1.0	.4													172	172	170	164				
38/ 37	.8	1.3	1.2	.7	.3	.0												115	115	137	124				
36/ 35	.6	1.9	.8	.6	.1													108	108	142	122				
34/ 33	.6	.9	1.0	.5	.0													82	82	135	132				
32/ 31	.3	1.1	.4	.2														53	53	72	121				
30/ 29	.3	1.0	.4	.1														46	46	93	84				
28/ 27	.0	.4	.1															15	15	44	73				
26/ 25	.1	.1	.0															7	7	21	69				
24/ 23	.0	.1	.0															4	4	10	57				
22/ 21																				2	59				
20/ 19																					30				
18/ 17																					28				
16/ 15																					10				
14/ 13																					6				
12/ 11																					5				
8/ 7																					2				
6/ 5																					3				
4/ 3																					1				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL 2) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

43-47, 49-72.

443

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0500-0500

HOURS (L, S, T, J)

[illegible]

2

YEARS

143

STATION

STATION NAME

PAGE 2

0300-0500

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEAR
 MONTH
 0600-0800
 HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
31/ 7																					3				
31/ 6																					2				
27/ 1																					1				
-6/ -7																					2				
TOTAL	16.440.7	23.811.8	5.4	1.6	.2														2676	2681	2676				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47.49-72

MAR

STATION STATION NAME YEARS PAGE 1 0900-1100
MONTH
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
52/ 51					.0	.0	.0	.0										4	4					
80/ 72					.1	.1	.1	.1	.0	.0	.0							14	14					
78/ 77				.0	.2	.1	.1	.0	.1		.0							15	16					
76/ 73				.4	.3	.2	.3	.0	.1	.0								37	37					
74/ 73			.2	.7	.7	.4	.2	.3	.1	.0								73	73	1				
72/ 71		.0	.6	.8	.4	.5	.3	.3	.1	.0	.0							34	84	5				
70/ 69		.1	1.2	1.0	1.0	.9	.5	.3	.1	.0								137	137	33	2			
68/ 67		.4	1.3	.5	.7	.7	.3	.3	.1	.1	.0							125	125	62	25			
66/ 65	.2	1.2	1.6	1.4	.9	.7	.4	.2	.3		.0							186	186	116	63			
64/ 63	.2	1.2	.0	1.2	.6	.5	.6	.6	.4									154	154	134	89			
62/ 61	.3	1.4	.9	1.1	.6	.5	.6	.4	.1									170	170	149	154			
60/ 59	.5	1.9	1.3	1.0	.9	.8	1.0	.0										215	215	179	105			
58/ 57	.0	1.0	.6	1.1	.7	.9	.7	.3										162	162	188	135			
56/ 55	.6	1.2	.7	1.1	1.1	1.2	.9	.3										189	189	149	156			
54/ 53	.4	.9	1.2	1.0	1.1	1.2	.6	.3										177	177	149	142			
52/ 51	.2	1.2	1.0	.8	1.4	1.5	.6	.1										184	184	157	114			
50/ 49	.2	1.2	.7	.7	1.2	1.2	.9	.0										164	164	186	113			
48/ 47	.3	.9	.4	.9	1.1	1.3	.3	.0										140	140	194	144			
46/ 45	.3	.8	.3	1.0	1.1	.9	.3											133	133	167	144			
44/ 43	.2	.4	.4	.7	.9	.8	.0											93	94	145	114			
42/ 41	.2	.6	.3	.3	1.2	.5	.0											35	85	162	94			
40/ 39	.1	.2	.3	.4	.9	.1												54	54	142	113			
38/ 37	.0	.1	.1	.6	.4	.1												35	35	110	105			
36/ 35			.1	.4	.2		.0											19	19	80	109			
34/ 33		.1	.1	.3	.1													14	14	72	101			
32/ 31		.3		.1	.0	.0												12	12	49	90			
30/ 29		.1		.1														5	5	32	108			
28/ 27		.0		.0														2	2	12	82			
26/ 25				.0														1	1	7	59			
24/ 23																				2	72			
22/ 21																				1	62			
20/ 19																				1	49			
18/ 17																					53			
16/ 15																					31			
Element (X)	Σ x ²		Σ x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 37 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 0-26-5 (OL A) REVISOR 11/73 EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2	YEAR MONTH 0900-1100 HOURS (L. S. T.)
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
147 13																					29			
127 11																					9			
107 9																					7			
87 7																					5			
47 3																					1			
27 1																					2			
147 -5																					1			
-107 -11																					1			
-127 -13																					1			
TOTAL	4.4	15.2	14.2	18.0	17.8	15.3	8.9	4.2	1.6	.3	.2							2684	2685		2684			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A)

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USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

YEAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85										.1			.0					3	3						
84/ 83									.1			.0	.0					6	6						
82/ 81						.0	.0	.0	.2	.3	.1	.1						14	14						
80/ 79					.0	.0	.2	.3	.1	.0	.1							21	21						
78/ 77				.1	.2	.2	.2	.1	.3	.3	.1							27	27						
76/ 75				.5	.8	.2	.4	.1	.1	.3			.0					64	64						
74/ 73			.1	1.0	.6	.5	.4	.4	.2	.2	.2	.0						99	99						
72/ 71		.1	.4	1.1	1.0	.8	.4	.5	.3	.2	.1	.3						134	134	6					
70/ 69		.2	.8	1.0	1.3	1.0	.9	.3	.3	.1	.2							130	180	38	3				
68/ 67	.0	.6	1.3	1.2	1.0	.8	.4	.6	.3	.3	.0							181	181	95	22				
66/ 65		.5	1.1	1.2	.8	.8	.7	1.0	.4	.2	.0							184	184	116	63				
64/ 63	.1	.9	1.2	1.0	1.1	.9	.9	1.0	.4	.1								202	202	162	97				
62/ 61	.1	1.3	1.3	.7	1.3	1.3	.8	.7	.3	.1								205	205	177	122				
60/ 59	.2	1.1	.7	1.2	.9	.9	1.2	.7	.2									190	190	202	158				
58/ 57	.2	.9	.9	1.2	.7	1.3	1.4	1.0	.3									210	210	153	156				
56/ 55	.1	1.0	.8	1.2	1.2	1.6	1.3	.9	.3									214	214	104	140				
54/ 53	.1	1.1	.7	.8	1.0	1.6	1.2	.6	.1									192	192	204	107				
52/ 51		.7	.6	.4	.9	1.6	1.1	.3	.1									153	153	206	134				
50/ 49	.1	.3	.3	.4	.8	1.0	.9	.4										112	112	179	134				
48/ 47	.3	.6	.1	.3	.7	.6	.6	.0										87	87	187	106				
46/ 45	.2	.5	.1	.2	.5	1.0	.3											72	72	174	159				
44/ 43	.1	.3	.3	.2	.4	.5	.1											53	53	170	107				
42/ 41		.1	.1	.2	.4	.1	.0											26	26	134	130				
40/ 39	.1	.1	.1	.1	.2	.1												18	18	107	101				
38/ 37	.0	.2	.1	.1	.1													15	15	77	96				
36/ 35				.1	.0													5	5	65	126				
34/ 33		.1	.0	.1														6	6	30	86				
32/ 31		.1																4	4	18	113				
30/ 29		.1																3	3	12	98				
28/ 27																				3	87				
26/ 25																					55				
24/ 23																					62				
22/ 21																					57				
20/ 19																					35				
Element (X)	ΣX^2			ΣX			\bar{X}			σ_X			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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13717	MYRTLE BEACH AFB SOUTH CAROLINA
STATION	STATION NAME

43-47, 49-72

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MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
88/ 87											.0			.0				2	2												
86/ 85										.1			.0					3	3												
82/ 81									.1		.0	.1		.0				5	5												
80/ 79							.1	.0	.1	.1		.0						12	12												
78/ 77						.1	.1	.1	.1	.1		.0						14	14												
76/ 75				.2	.3	.1	.1	.2	.1	.2	.0			.2				40	40												
74/ 73				.4	.4	.3	.1	.1	.1	.1	.1	.0						46	46												
72/ 71			.6	.6	.4	.7	.5	.2	.1	.2	.2	.1						96	96												
70/ 69		.1	1.1	1.3	.9	.5	.6	.4	.4	.2	.3							153	153	11											
68/ 67		.3	1.9	1.2	.9	.8	.4	.4	.2	.2								171	171	57											
66/ 65	.3	.9	2.0	1.2	.9	.8	.5	.4	.5	.3	.1							215	215	102											
64/ 63	.1	1.4	1.6	1.5	1.1	.7	.4	.6	.3	.2								213	213	139											
62/ 61	.4	1.3	1.8	1.0	1.1	.7	1.0	.6	.4									225	225	200											
60/ 59	.3	1.6	1.7	1.2	1.4	1.8	1.2	.4	.4	.0								269	269	212											
58/ 57	.3	1.6	.9	1.7	1.3	1.2	.7	.4	.6									235	235	191											
56/ 55	.1	1.0	1.4	1.3	1.3	1.0	1.2	.9	.2									227	227	201											
54/ 53	.1	.6	1.1	1.3	1.5	1.1	1.3	.8	.1									214	214	175											
52/ 51	.1	.6	.9	1.0	1.1	.9	.5	.3	.1									148	148	222											
50/ 49	.1	.4	.5	.6	1.0	.8	.6	.3										117	117	224											
48/ 47	.2	.4	.3	.5	.7	.5	.6	.2										91	91	214											
46/ 45	.1	.4	.2	.4	.6	.4	.1											60	60	165											
44/ 43	.2	.4	.2	.3	.4	.1												44	44	158											
42/ 41	.1	.4	.1	.2	.2	.1												32	32	143											
40/ 39		.3	.2	.1	.1													19	19	90											
38/ 37	.1	.1		.1	.1													11	11	83											
36/ 35		.1		.1	.0													5	5	52											
34/ 33		.1																2	2	16											
32/ 31	.1	.1																5	5	12											
30/ 29		.1																3	3	10											
28/ 27																				60											
26/ 25																				70											
24/ 23																				58											
22/ 21																															

2

MAR

43-47, 49-72

STATION

STATION NAME

YEAPS

PAGE 2

MONTH

1500-1700

HOURS (L, S, T)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

482

YEARS

MONTH

1800-2000

HOURS (L, S, P.)

[illegible]

2

YEARS

43-47, 49-72.

MAR
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
14/ 13																					0				
12/ 11																					8				
11/ 9																					2				
8/ 7																					1				
6/ 5																					4				
2/ 1																					1				
TOTAL	5.729	3.22	4.13	3.11	3.5	5.9	4.1	1.6	.8	.4	.1	.0						2677	2577	2677					

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

2

YEARS

142

STATION NAME

MONTH

2100-2300

NOV 15 1964

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

2

APK

STATION

STATION NAME

YEARS

MONYH

PAGE 1 0000-0200

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73			.2	.0														5	5																
72/ 71			.0	.2	.1	.2	.0											15	15																
70/ 69	.2	.6	.8	.3			.0											55	55	16	7														
68/ 67	.3	2.9	1.7	.4	.2	.0	.0											144	146	48	30														
66/ 65	1.3	4.4	1.4	.4	.2	.1												195	196	151	167														
64/ 63	1.6	5.6	1.4	.2	.3	.1	.1	.0										240	241	221	184														
62/ 61	1.8	4.8	1.7	.8	.4	.2	.1	.0										247	247	236	227														
60/ 59	2.0	4.2	1.8	.9	.3	.2	.0											256	257	254	250														
58/ 57	2.6	2.7	1.6	.5	.7	.0	.0											208	212	195	217														
56/ 55	1.5	2.7	.7	.7	.2	.1	.0											153	154	204	157														
54/ 53	1.3	1.9	.9	.9	.6	.0	.0											146	147	143	145														
52/ 51	.9	2.4	.3	.3	.3	.1	.2	.0										140	143	141	148														
50/ 49	1.2	1.7	1.4	.3	.4	.2												140	141	148	130														
48/ 47	.6	2.4	1.1	.6	.5	.1												138	138	114	115														
46/ 45	1.1	1.9	.3	.7	.1	.1												120	121	164	118														
44/ 43	.7	1.9	.5	.4														92	92	123	143														
42/ 41	1.0	1.9	.5	.2														93	93	125	123														
40/ 39	.7	1.5	.3	.1	.0													67	67	106	113														
38/ 37	.4	.9	.2	.1	.0													42	42	67	92														
36/ 35	.3	.7	.2	.1	.0													34	34	46	73														
34/ 33	.2	.4	.3	.1														27	27	28	63														
32/ 31	.1	.3	.1															15	15	13	44														
30/ 29		.1	.1															5	5	23	22														
28/ 27																				4	20														
26/ 25																				2	15														
24/ 23																					16														
22/ 21																					11														
20/ 19																					0														
18/ 17																					6														
16/ 15																					1														
TOTAL	20.3	45.9	13.7	8.6	4.6	1.3	.5	.2											2577	2593	2577	2577													

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	19612835	222177	86.213	3.331	2577	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	8173345	143641	55.4	9.134	2593			.7	7.7	.2		90
Wet Bulb	7488607	136833	53.1	9.306	2577			1.6	2.2			90
Dew Point	5999835	131495	51.0	10.612	2577			4.7	1.3			90

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	19612833	222177	86.2	13.331	2577	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Dry Bulb	8173345	143641	55.4	9.134	2593		.7	7.7	.2		90
Wet Bulb	7438607	136833	53.1	9.306	2577		1.6	2.2			90
Dew Point	5999835	131495	51.0	10.612	2577		4.7	1.3			90

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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3

APR

MONTH

HOURS (L - S - T.)

0.26-5 (01 A) SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

APR

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85							.0	.1	.1	.0	.0							7	7					
84/ 83							.0	.2	.1	.1	.1	.0						15	18					
82/ 81					.0	.2	.3	.2	.1	.1	.3		.0					26	26					
80/ 79					.3	.4	.4	.3	.2	.1	.2							67	67					
78/ 77			.0	.1	1.4	1.3	.9	.5	.3	.2	.1							125	125					
76/ 75		.0	.2	1.5	2.2	1.8	1.1	.5	.5	.2	.1	.0						212	212	1				
74/ 73		.1	.3	2.5	2.1	1.7	.7	.6	.2	.2	.0							221	221	8	1			
72/ 71		.4	1.4	2.1	1.9	.9	.6	.5	.3	.2								221	221	49	5			
70/ 69	.1	.8	1.3	2.0	1.2	1.4	.8	.7	.6	.2								245	245	170	26			
68/ 67	.1	1.0	1.5	1.2	1.0	1.4	.8	.8	.7	.1								224	224	253	108			
66/ 65	.3	1.2	1.3	1.0	1.1	1.2	1.0	1.0	.4	.2								234	234	239	208			
64/ 63	.4	1.3	1.0	1.0	1.1	1.2	1.2	.6	.5	.1								214	214	246	233			
62/ 61	.4	.6	1.1	1.0	.7	1.0	1.1	.6	.1									171	171	206	208			
60/ 59	.1	.3	1.0	1.1	1.0	1.0	1.0	.8	.0	.0								167	167	185	199			
58/ 57	.3	.4	.8	.7	.7	.8	1.1	.3	.1									120	120	133	166			
56/ 55	.2	.5	.6	.6	.3	.7	.8	.1										113	113	176	144			
54/ 53	.1	.2	.4	.2	.5	.9	.4											69	69	171	115			
52/ 51		.4	.2	.2	.3	.5	.4											47	47	165	160			
50/ 49	.1	.3	.2	.2	.2	.3												31	31	125	138			
48/ 47	.3	.2	.1	.2	.1	.4	.1											32	32	129	107			
46/ 45		.2	.1	.1	.2	.1	.0											17	17	83	102			
44/ 43		.0	.0		.1	.2												8	8	68	93			
42/ 41					.0	.3												2	2	37	97			
40/ 39																				24	87			
38/ 37																				12	74			
36/ 35																				6	72			
34/ 33																				4	58			
32/ 31																				1	47			
30/ 29																					46			
28/ 27																					31			
26/ 25																					28			
24/ 23																					14			
22/ 21																					7			
20/ 19																					4			
Element (X)	Σ X ²		Σ Y		X̄		e _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
18/ 17																																			
16/ 15																																			
14/ 13																																			
TOTAL	2.0	6.0	12.0	15.6	16.8	18.0	13.2	8.1	4.2	1.7	.5	.0	.0					2591		2591															

FORM 0-26.5 (01-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

PSYCHROMETRIC SUMMARY

AIR

MONTH

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91												.1																			2				
90/ 89												.1																			8				
88/ 87											.1	.1	.1												.0						14	14			
86/ 85										.0	.2	.1	.3	.2	.1										.0						24	24			
84/ 83							.1	.1	.1	.2	.2	.3	.1	.1																33	33				
82/ 81					.3	.2	.3	.2	.5	.1	.3	.1																		53	53				
80/ 79			.0	.0	.4	.8	.6	.6	.4	.2	.4	.0																		95	95				
78/ 77			.2	.2	2.4	1.8	1.3	.3	.3	.3	.4	.1																		202	202				
76/ 75			.3	1.8	2.6	2.0	1.1	.5	.2	.2	.5	.0																		238	238	3			
74/ 73	.2	.2	1.0	2.5	2.2	1.7	1.2	.7	.2	.4	.2																			264	264	26	3		
72/ 71	.3	.4	1.2	1.5	1.7	1.6	.7	.7	.7	.5	.1																			234	234	70	12		
70/ 69	.2	.5	1.2	1.2	1.5	1.2	1.3	.6	.9	.4	.1																			237	237	202	42		
68/ 67	.3	.9	1.1	1.2	1.3	1.3	1.1	1.2	.5	.5	.0																			242	242	293	127		
66/ 65	.3	.9	.8	1.0	1.4	1.0	1.2	.8	1.2	.2	.0																			226	226	291	222		
64/ 63	.2	.5	.7	1.5	1.4	1.1	.9	1.0	.7	.1																				207	207	229	191		
62/ 61	.3	.3	.4	.7	.6	.7	1.0	.8	.5	.1																				141	141	206	208		
60/ 59	.2	.3	.7	.8	.7	1.3	.7	.7	.1																					142	142	202	176		
58/ 57	.4	.4	.2	.5	.2	.8	.6	.3	.1																					86	86	205	173		
56/ 55	.1	.1	.2	.3	.2	.4	.6	.3	.1																					63	63	200	175		
54/ 53	.1	.1	.1	.2		.4	.3	.1																						30	30	151	147		
52/ 51	.3	.1	.1		.0	.2	.0	.1																						13	13	135	149		
50/ 49	.0	.1	.2		.1																														

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PAGE 2

ΔFR

YEARS

MONTH

1200-1400

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717

MYRTLE BLACH AFB SOUTH CAROLINA

43-47,49-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULF TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91									.0	.0	.0	.1	.0					4	4					
90/ 89									.0	.0	.0	.1	.1			.0		10	10					
88/ 87									.0	.0	.0		.0			.1		7	7					
86/ 85									.2	.2	.1	.2	.1					19	19					
84/ 83									.2	.1	.2	.1	.0					17	17					
82/ 81				.0	.1	.0	.3		.2	.3	.1	.2	.0					32	32					
80/ 79		.0	.2	.2	.2	.2	.3	.2	.3	.1	.2	.2	.1					49	49					
78/ 77		.2	1	.3	.2	.4	.3	.0	.3	.1	.0							92	92					
76/ 75		.0	.3	1.0	1.0	1.5	.0	.6	.2	.1	.4							186	186	4				
74/ 73		.3	1.0	3.2	2.3	1.1	.7	.5	.3	.3	.2							268	268	16	4			
72/ 71		.5	2.2	2.3	2.0	1.7	.9	.2	.5	.3	.1							234	284	44	12			
70/ 69	.1	.7	2.5	2.2	2.3	1.1	.9	.7	.8	.5	.1							304	304	178	37			
68/ 67	.2	1.1	1.7	1.7	1.2	1.0	1.0	.7	.3	.4	.2							262	262	267	118			
66/ 65	.6	1.1	.7	1.0	1.4	1.4	.9	1.1	.8	.3	.1							240	240	315	229			
64/ 63	.7	.6	1.2	2.0	1.3	1.0	1.0	.8	.5	.2								231	231	252	219			
62/ 61	.3	.9	1.1	1.4	1.1	1.1	.5	.4	.3	.0								185	185	218	229			
60/ 59	.3	.5	.0	.9	1.0	1.2	.4	.3	.1									138	138	223	168			
58/ 57	.4	.7	.3	.7	.4	.7	.3	.3	.2									114	115	211	207			
56/ 55	.1	.4	.2	.4	.3	.5	.3	.2	.1									64	64	237	177			
54/ 53		.0	.0	.2	.3	.3	.5											35	35	150	150			
52/ 51		.0	.2	.0	.1	.0	.1											11	11	160	144			
50/ 49		.4	.1	.3	.1													22	22	108	133			
48/ 47	.1		.0	.0			.1	.0										8	8	97	115			
46/ 45		.1	.0															3	3	37	85			
44/ 43	.0	.1																3	3	44	95			
42/ 41																				20	32			
40/ 39																				4	98			
38/ 37																				1	60			
36/ 35																				2	57			
34/ 33																					39			
32/ 31																					31			
30/ 29																					26			
28/ 27																					18			
26/ 25																					18			
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature								Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1500-1700

HOURS (L. S. T.)

[illegible]

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

APR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1800-2000

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
88/ 87										.0	.0																						2	2			
86/ 85										.3		.0																					2	2			
84/ 83							.0		.0	.1	.0	.0		.0																			7	7			
82/ 81						.0		.1			.1																						6	6			
80/ 79				.1	.0		.1	.0	.1	.1	.0		.0		.0																		10	10			
78/ 77				.1	.0	.0	.2	.1	.1	.1	.0		.1																				15	15			
76/ 75		.0	.2	.2	.2	.1	.1	.2	.0	.0																							27	27			
74/ 73		.2	.3	.7	.7	.2	.1	.1	.2		.2																						70	70	5		
72/ 71	.3	.8	1.9	1.5	.9	.1	.3	.0	.3	.1																							148	148	17	9	
70/ 69	.3	2.4	3.8	2.3	1.1	.6	.3	.3	.1	.1																							285	285	64	30	
68/ 67	.1	3.1	4.1	2.1	1.1	.5	.3	.2	.2	.0	.0		.0																				307	307	180	97	
66/ 65	.1	4.1	3.3	1.9	1.2	.7	.4	.2	.3	.0																							322	322	275	160	
64/ 63	.7	3.2	2.7	1.6	1.0	.8	.5	.4	.2	.0																							289	289	296	271	
62/ 61	.7	1.9	1.5	1.5	1.4	.8	.3	.3	.2	.0																							224	224	291	234	
60/ 59	.7	1.9	3.2	1.9	1.0	.7	.3	.3	.1																								254	255	230	244	
58/ 57	.0	1.7	1.0	1.3	1.1	.6	.3	.2	.0																								193	193	197	210	
56/ 55	.3	1.0	1.2	1.0	.7	.4	.3																										129	129	247	167	
54/ 53	.1	.8	.7	1.3	.9	.1	.2	.0																									108	108	193	177	
52/ 51	.0	.4	.5	.5	.6	.4	.2																										67	67	159	156	
50/ 49	.1	.4	.4	.4	.3	.1	.0																										48	48	118	146	
48/ 47	.0	.1	.3	.2	.2	.1																											31	31	120	113	
46/ 45	.0	.2	.3	.2	.1		.0																										23	23	50	103	
44/ 43	.0	.1		.1	.1																												8	8	31	75	
42/ 41			.0			.0																											2	2	30	98	
40/ 39		.1	.1																														4	4	19	74	
38/ 37				.0																													1	1	9	43	
36/ 35																																				2	51
34/ 33																																				1	29
32/ 31																																				2	37
30/ 29																																					16
28/ 27																																					17
26/ 25																																					10
24/ 23																																					6
22/ 21																																					8
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total																
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total														
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/ 19																						2													
18/ 17																						1													
16/ 15																						2													
TOTAL	4.1	22.2	26.8	18.6	12.7	6.2	3.8	2.5	1.9	.6	.4	.2	.0	.0				2586		2586															
																		2586		2586															

Element (X)	Z_X	Z_X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	14927797	191303	74.0	17.325	2586							
Dry Bulb	10428074	163260	63.1	6.845	2586			37.6	4.8	.7		90
Wet Bulb	8842385	150053	56.0	7.241	2586		.1	7.3	.2			90
Dew Point	7776151	139395	53.9	10.072	2586		3.4	4.7				90

USAFETAC FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

42-47,49-72

APR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
80/ 79												.0							1	1							
78/ 77				.0		.1						.0							4	4							
76/ 75			.1	.2	.0	.0	.0					.0							11	11							
74/ 73		.1	.3	.3	.2	.0	.1												28	23							
72/ 71		.4	.8	.3	.0				.0	.0	.0								45	45	8	1					
70/ 69	.2	1.7	2.7	.9	.6	.2			.1										167	167	37	17					
68/ 67	.4	4.0	3.9	1.2	.5	.2	.1	.0	.1	.0									266	266	129	83					
66/ 65	.9	4.8	3.7	1.4	.5	.3	.2	.1	.1	.0									309	311	229	149					
64/ 63	1.2	5.7	2.6	1.6	.7	.2	.0	.0	.0	.0									315	315	285	258					
62/ 61	1.4	3.2	2.2	1.0	.6	.5	.1	.1	.0										225	226	301	251					
60/ 59	1.2	3.2	2.5	1.0	.6	.3	.2	.1	.0										244	245	227	249					
58/ 57	.8	2.0	1.5	1.6	.9	.5	.2	.0	.0										192	192	210	206					
56/ 55	.7	1.8	1.5	1.2	.7	.3	.1	.1											164	164	183	191					
54/ 53	.6	1.6	.9	.9	.3	.2	.2	.0											123	123	167	153					
52/ 51	.3	1.7	1.1	.4	.4	.2	.2												114	114	165	111					
50/ 49	.4	1.4	1.4	.7	.3	.2													113	113	145	154					
48/ 47	.3	1.7	1.1	.6	.1	.0													99	99	132	128					
46/ 45	.1	1.3	.7	.1	.1	.1													61	61	119	118					
44/ 43	.0	.9	.3	.1	.1														37	37	83	114					
42/ 41		.6	.3	.0	.0														25	25	73	95					
40/ 39	.1	.5	.2	.1															23	23	37	77					
38/ 37		.2	.1	.1	.1														11	11	13	72					
36/ 35		.1	.1																5	5	13	35					
34/ 33		.2	.0																5	5	9	29					
32/ 31																					7	24					
30/ 29																					3	19					
28/ 27																						18					
26/ 25																						6					
24/ 23																						13					
22/ 21																						8					
18/ 17																						1					
16/ 15																						1					
TOTAL	8.337	127.8	13.8	7.0	3.3	1.4	.5	.4	.2	.0	.1								2581	2581	2581						
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	17568130		209472		81.2		14.832		2581		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total				
Dry Bulb	9389035		154485		59.8		7.787		2581						18.0		1.5		.0				90				
Wet Bulb	8357522		145382		56.3		8.081		2581						.3		6.1						90				
Dew Point	7639590		138050		53.5		9.955		2581				3.1		3.5								90				

USAFETAC FORM 0-26-5 (OL A) 6 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

4AY

MONTH

3000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 79			.1	.1	.1													7	7				
78/ 77		.0	.3	.2	.2	.0												20	20				
76/ 75	.1	.9	.9	.6	.2	.0	.0											73	73	7	4		
74/ 73	.3	2.6	1.6	1.2	.5	.0												169	169	61	29		
72/ 71	.6	5.7	2.9	1.9	.5	.1	.1											315	315	153	112		
70/ 69	1.9	6.0	4.4	1.1	.6	.1	.0											372	372	286	223		
68/ 67	1.5	7.3	3.7	1.1	.2	.2												375	375	379	311		
66/ 65	2.2	4.9	2.7	.7	.4	.0												294	294	419	357		
64/ 63	1.4	3.8	2.0	1.1	.4	.2												233	233	250	335		
62/ 61	2.0	2.7	1.2	.6	.3													181	181	274	253		
60/ 59	1.0	2.2	.9	.6	.2	.0	.0											133	134	154	201		
58/ 57	1.1	2.1	1.2	.3	.1	.1												129	130	165	181		
56/ 55	.9	2.1	1.1	.3	.1													118	118	129	157		
54/ 53	1.0	1.9	.3	.1	.0													89	89	151	137		
52/ 51	.5	1.1	.2															44	48	85	124		
50/ 49	.4	.8	.2	.0	.0													38	38	54	92		
48/ 47	.3	.6	.3	.1														39	39	40	60		
46/ 45	.4	.3	.2															22	22	36	52		
44/ 43	.2	.1	.0															7	7	16	28		
42/ 41	.0																	2	2	7	13		
40/ 39	.1																	2	2	1	5		
38/ 37	.0																	1	1	2	8		
36/ 35																				1	2		
34/ 33																					2		
TOTAL	15.645	4.24	110.0	4.0	.8	.2												2666	2659	2666	2666		

PSYCHROMETRIC SUMMARY

DAY

STATION

STATION NAME

YEAPS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

[illegible]

2

YEARS

RAY

STATION NAME

MONTH

HOURS (L - S - T)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0000-1100

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
94/ 93										.1	.0							1	1													
92/ 91										.1	.0							3	3													
90/ 89								.2	.3	.2	.2	.0	.1					18	18													
88/ 87							.2	.2	.5	.2	.2	.1	.1					34	34													
86/ 85					.0	.5	.5	.6	.6	.3	.1	.0						74	74													
84/ 83				.1	.8	.8	1.0	.7	.5	.2	.1							106	106													
82/ 81			.2	1.0	1.7	1.5	1.4	1.0	.4	.3	.0	.0						196	196													
80/ 79			.5	2.5	2.6	2.6	1.8	1.0	.6	.3	.2							318	318													
78/ 77		.0	1.1	2.7	4.2	2.4	1.4	1.1	.4	.2	.0		.0					359	359	24	2											
76/ 75	.0	.3	2.1	3.0	2.8	2.2	1.6	1.0	.5	.2		.0						370	370	109	10											
74/ 73		.5	2.5	2.9	1.4	1.9	1.1	.7	.6	.2	.0							313	313	238	34											
72/ 71	.0	1.4	1.4	2.1	1.1	1.0	1.1	.4	.4	.0								241	241	316	152											
70/ 69	.3	1.2	1.3	1.1	.9	1.0	.9	.5	.2	.1								203	203	466	275											
68/ 67		.4	1.1	.4	.8	.4	.9	.5										119	122	353	319											
66/ 65	.2	.7	.6	.5	.5	.5	.4	.2	.1									96	96	297	326											
64/ 63	.0	.4	.2	.5	.5	.3	.4	.2										68	68	207	278											
62/ 61	.0	.1	.4	.5	.2	.3	.4	.1	.0									55	55	178	221											
60/ 59		.5	.1	.5	.2	.3	.1	.0										42	42	118	174											
58/ 57	.0	.3	.1	.2	.1	.2												24	24	117	158											
56/ 55	.0	.1	.0	.0	.1	.0	.0											11	11	106	131											
54/ 53		.0	.0	.0														3	3	50	126											
52/ 51		.1																2	2	43	76											
50/ 49						.0												1	1	21	77											
48/ 47		.1			.1													5	5	10	66											
46/ 45																				4	57											
44/ 43																				2	40											
42/ 41																				1	34											
40/ 39																				2	16											
38/ 37																					15											
36/ 35																					11											
34/ 33																					4											
32/ 31																					2											
30/ 29																					1											
26/ 25																					2											
Element (X)	Σ X'		Σ X		Σ		Σ ₂		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

RAY

STATION

STATION NAME

YEARS

MONTIN

0900-1100

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

MAY

STATION

STATION NAME

YEARS

PAGE: 1

MONTH

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
97/ 97																																	1		1	
96/ 95												.0	.1																			3		2		
94/ 93												.0	.2	.1	.0																	8		8		
92/ 91											.1	.0	.1	.2	.2	.2																21		21		
90/ 89								.0	.2	.3	.2	.2	.3	.3	.2																	44		44		
88/ 87								.1	.3	.5	.5	.5	.2	.1																		57		57		
86/ 85						.3	.7	.8	.8	.5	.2	.3	.0	.0																		92		92		
84/ 83				.3	1.1	1.3	1.4	1.0	.0	.4	.1	.1	.1																			165		165		
82/ 81			.2	1.2	2.2	2.2	1.2	.5	.6	.3	.2	.5																				231		231		
80/ 79		.0	.2	2.6	4.1	3.7	1.8	1.0	.8	.1	.2	.0																				389		389	3	
78/ 77		.2	1.1	2.6	4.4	2.2	1.9	1.4	.7	.5	.3																					405		405	36	
76/ 75		.2	1.5	2.9	3.0	2.2	1.7	.9	.7	.5	.1																					361		361	152	
74/ 73	.0	1.0	2.2	2.0	1.3	1.7	1.2	.8	.6	.3	.0																					297		297	280	
72/ 71	.1	1.2	1.1	1.4	.8	1.4	.8	.6	.4	.1	.0																					210		210	433	
70/ 69	.1	.5	.7	.8	.8	.6	.8	.4	.4	.1	.0																					133		133	428	
68/ 67	.2	.1	.5	.2	.3	.3	.6	.4	.3	.1																						78		78	327	
66/ 65	.3	.3	.4	.5	.4	.2	.4	.2	.0	.0																						74		74	288	
64/ 63	.1	.1	.3	.3	.2	.3	.2	.1																								42		42	191	
62/ 61		.3	.1			.0	.1	.1																								15		15	145	
60/ 59		.3	.1	.0		.0	.0	.0																								15		15	133	
58/ 57		.1	.1		.0	.0	.0																									9		9	101	
56/ 55		.2	.0		.0																											8		8	62	
54/ 53				.0																													1		1	47
52/ 51					.0			.0																									1		1	18
50/ 49																																				7
48/ 47		.1																															3		3	6
46/ 45																																				4
44/ 43																																				
42/ 41																																				1
40/ 39																																				
38/ 37																																				
36/ 35																																				
34/ 33																																				
32/ 31																																				
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature										
Rel. Hum.																										≤ 0 F	≤ 37 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-70-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBTAINABLE
U.S. AIR FORCE

PSYCHROMETRIC SUMMARY

DAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L.S.T.)

[illegible]

2

1

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0 26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

may

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (1 5 7)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72

MAY

STATION

STATION NAME

YEARS

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 84							.1													2	2			
82/ 81					.1															3	3			
80/ 79		.0	.1	.2	.1	.0														13	13			
78/ 77		.1	.6	.5	.3	.2	.0													47	47	1		
76/ 75	.1	1.6	2.7	1.5	.6	.0	.0													175	175	15	10	
74/ 73	.3	4.1	3.7	2.4	.8	.2	.1	.1												311	311	99	34	
72/ 71	.4	7.0	4.2	2.7	.8	.2	.1	.0												413	413	260	174	
70/ 69	1.1	6.0	4.0	1.8	.4	.4	.2													371	371	383	319	
68/ 67	1.3	5.5	4.3	1.3	.7	.4	.0													363	363	400	350	
66/ 65	.9	3.7	2.6	1.5	1.0	.1	.0	.0												268	268	361	356	
64/ 63	.6	3.3	1.5	.9	.6	.1	.1	.0												187	187	274	232	
62/ 61	.7	2.2	1.2	.5	.4															135	135	212	270	
60/ 59	.4	2.0	1.3	.8	.1		.1													126	126	135	184	
58/ 57	.4	1.1	1.2	.2	.1	.0														80	80	100	164	
56/ 55	.3	1.3	.7	.2																68	68	98	131	
54/ 53	.2	.8	.2	.1	.1	.0														38	38	91	105	
52/ 51	.1	.7	.2	.1																30	30	53	99	
50/ 49	.1	.6	.2	.1	.1															28	28	30	79	
48/ 47		.4	.1																	7	7	22	36	
46/ 45		.1																		2	2	14	22	
44/ 43			.0																	1	1	7	17	
42/ 41																				1	1	1	10	
40/ 39																						1	3	
38/ 37																							6	
36/ 35																							3	
34/ 33																							3	
TOTAL	7.0	40.4	28.7	14.8	6.3	1.8	.9	.2												2669	2669	2669	2669	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	19392919	225701	84.6	10.725	2669	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	12249420	180060	67.5	6.182	2669			59.2	19.2	.4		93
Wet Bulb	11145829	171687	64.3	6.178	2669			40.3	4.0			93
Dew Point	10537679	166665	62.4	6.989	2669			30.9	1.5			93

USAF ETAC FORM 0-26-5 (UL 1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

402

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0300-9500

HOURS (L, S, T,)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1143

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (P. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

L2-47, 49-72

July

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
104/103												.0						1	1					
102/101												.0						2	2					
100/99												.1						10	10					
98/97												.1						22	22					
96/95												.4						37	37					
94/93												.6						48	48					
92/91					.2		.1	.7		.4	.7	.3			.0			65	65					
90/89				.0	.7	1.3	1.1	.9	.6	.2	.2	.1						128	128					
88/87			.1	.4	1.7	2.4	1.5	.7	.6	.3								192	192					
86/85			.1	1.2	4.3	4.4	1.5	.7	.5	.3	.1	.1						336	336					
84/83		.0	.7	3.2	6.2	3.4	1.1	.6	.2	.3	.0	.0						404	404	12				
82/81		.1	.9	4.5	4.0	2.3	1.5	.8	.5	.2	.1							396	396	70				
80/79	.1	.3	2.2	3.7	2.9	2.3	1.2	.6	.6	.1								354	354	220				
78/77		.6	1.4	1.4	1.7	2.2	1.0	.3	.5	.1	.6							249	249	431				
76/75	.2	.9	1.1	.7	.9	.5	.4	.2	.2	.2								134	134	570				
74/73	.2	.8	.7	.2	.4	.2	.2	.0										69	69	382				
72/71	.2	.4	.4	.1	.1	.2	.0	.0										37	37	270				
70/69	.0	.3	.2	.2	.1	.0	.1	.1										26	26	207				
68/67		.1	.2	.0	.1	.0												13	13	159				
66/65			.1	.0	.0													4	4	83				
64/63			.1															3	3	74				
62/61			.0	.1	.1													5	5	23				
60/59																				18				
58/57																				12				
56/55																				4				
54/53																								
52/51																								
50/49																								
48/47																								
46/45																								
44/43																								
42/41																								
TOTAL	.7	3.5	8.2	15.3	24.2	19.5	10.3	6.7	5.6	3.2	1.7	.5	.2					2535	2535	2534				
																		2535	2535					

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PSYCHROMETRIC SUMMARY

July

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point													
100/ 99												.1	.0					3	3														
98/ 97											.2	.2	.1					13	13														
96/ 95								.0	.1	.4	.2	.2						23	23														
94/ 93								.2	.2	.5	.4	.1						35	35														
92/ 91							.2	.4	.2	.4	.3	.1			.1			43	43														
90/ 89				.0	.3	.6	.5	.6	.6	.1	.1	.1	.1					76	76														
88/ 87			.2	1.4	1.4	.9	.3	.2	.1	.1								117	117														
86/ 85			.1	1.3	3.3	1.9	.7	.4	.1	.2			.2					209	209														
84/ 83			.4	4.1	6.6	2.7	.8	.2	.4	.2	.1	.0						397	397	3													
82/ 81		.2	1.6	6.0	4.1	2.2	.9	.7	.4	.0	.0							412	412	44	1												
80/ 79	.1	.6	2.5	5.6	3.8	2.8	1.6	.5	.3	.2	.1							478	478	174	24												
78/ 77	.0	1.4	3.1	2.5	2.1	1.4	1.1	.5	.1	.3								313	313	365	133												
76/ 75	.1	1.4	1.9	1.5	1.6	1.9	.6	.2	.1									207	217	589	314												
74/ 73	.2	.9	.4	.9	.7	.2	.2	.1										105	105	460	476												
72/ 71	.2	.4	.4	.6	.2	.2	.0	.0										54	54	286	474												
70/ 69	.1	.4	.2	.1	.0	.0	.1											24	24	236	304												
68/ 67	.2	.2	.0			.1												13	13	179	227												
66/ 65		.0	.1	.1	.1													8	8	101	161												
64/ 63	.0	.5	.0	.0														2	4	57	137												
62/ 61		.1			.1													4	4	21	80												
60/ 59					.0													1	1	17	32												
58/ 57																				4	39												
56/ 55																				1	30												
54/ 53																				1	23												
52/ 51																				1	15												
50/ 49																					12												
48/ 47																					4												
46/ 45																					2												
44/ 43																					1												
TOTAL	1.0	5.5	11.7	23.1	24.4	15.0	8.2	4.1	3.3	2.0	1.1	.5	.2					2539		2539													
																		2539		2539													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	12884513	177845	70.0	12.976	2539	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	16739113	205731	81.0	5.217	2539			89.4	86.2	56.7	2.0	90
Wet Bulb	13689697	186103	73.3	4.283	2539			82.8	58.0	3.8		90
Dew Point	12451966	177208	69.8	5.747	2539			65.2	33.6	.3		90

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YEARS

43-47, 49-72

JUN

STATION

STATION NAME

PAGE 1

1300-2000

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 55										.0		.0						2	2																
94/ 93								.2	.0									5	5																
92/ 91						.1	.1		.1									7	7																
90/ 89					.1	.2	.1	.1	.1	.0								17	17																
88/ 87				.2	.3	.4	.2	.1	.1		.0							31	31																
86/ 85			.0	.9	.8	.4	.2	.2	.0									52	62																
84/ 83		.1	1.1	1.9	1.5	.4	.2	.1	.0		.1							136	136		1														
82/ 81		.3	3.1	4.1	2.1	.6	.2	.3	.1	.0								275	275	20	3														
80/ 79		1.0	6.0	6.1	2.7	1.1	.9	.2	.1	.0	.0							471	471	91	28														
78/ 77	.2	3.1	8.3	5.1	2.4	.7	.3	.3	.0	.1								518	518	230	106														
76/ 75	.2	3.3	5.2	4.1	2.2	.9	.3	.1	.1									425	426	465	276														
74/ 73	.3	3.0	2.2	1.9	1.5	.7	.2	.1										250	250	562	464														
72/ 71	.7	1.9	1.1	1.6	.7	.3	.2											165	165	395	495														
70/ 69	.4	.9	1.3	.7	.3	.4	.2											100	100	296	331														
68/ 67	.3	.8	.4	.2	.2	.0												42	42	193	257														
66/ 65		.2	.2	.2	.1													16	16	141	190														
64/ 63		.2	.2	.1														12	12	69	136														
62/ 61			.1	.0														3	3	35	95														
60/ 59		.0	.0		.0													2	3	32	61														
58/ 57				.1														2	2	3	33														
56/ 55																				1	31														
54/ 53																				1	19														
52/ 51																				2	15														
50/ 49																					5														
48/ 47																					1														
46/ 45																					5														
TOTAL	2.114	6.29	4.27	4.14	.6	6.1	2.7	1.4	.7	.2	.2	.0						2542	2542	2542															

Element (X)	Σx'	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1591908	199130	78.311	2.220	2542	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1524714	196566	77.3	4.362	2543			88.7	77.9	26.5	.2	90
Wet Bulb	13275161	183357	72.1	4.411	2542			79.8	48.5	7.4		90
Dew Point	12431038	177224	69.7	5.443	2542			69.0	30.8	.2		90

REVISED EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM 10-67

USAFETAC

PSYCHROMETRIC SUMMARY

JUN

STATION

STAT ON NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
90/ 89								.1										1	1													
86/ 85			.1	.1	.1	.1	.0											11	11													
84/ 83		.0	.3	.6	.3	.1				.3								34	34													
82/ 81		.3	1.2	1.1	.4	.1			.0									80	80	4	2											
83/ 79	.0	1.7	4.5	2.5	.9	.4		.7										263	263	23	11											
78/ 77	.3	4.0	7.4	3.2	1.0	.2												422	422	139	66											
76/ 75	.6	7.3	8.8	3.9	1.0	.2	.0		.0									553	553	311	221											
74/ 73	1.1	5.5	5.1	2.4	.8	.3	.2											390	391	540	378											
72/ 71	1.1	4.5	1.9	1.6	.9	.2	.1											258	258	473	493											
70/ 69	1.3	3.4	1.2	1.4	.6	.2	.0											219	219	388	446											
68/ 67	.6	1.4	1.8	.6	.3	.2	.1											125	125	202	257											
66/ 65	.4	1.5	1.0	.5	.0	.1												89	89	158	207											
64/ 63	.0	.9	.4	.2														38	38	132	134											
62/ 61		.5	.2	.1														20	20	71	116											
60/ 59	.1	.4	.2	.0														19	19	47	77											
58/ 57		.1																3	3	22	39											
56/ 55		.0	.0	.0														3	3	11	47											
54/ 53		.0	.0															2	2	1	13											
52/ 51																				4	8											
50/ 49																					4											
48/ 47																					5											
TOTAL	5.731	635.118	5.6	4.2	.5	.1	.1	.0											2531		2531											
																			2531		2531											

Element (X)	ΣX'	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	18382056	214322	84.7	9.461	2530	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	13967642	187654	74.1	4.644	2531			55.8	62.4	8.2		20
Wet Bulb	12711535	178933	70.7	4.632	2531			74.1	36.3	.5		90
Dew Point	12146575	174623	69.1	5.290	2531			66.7	24.2	.1		96

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43-46, 49-72

STATION

STATION NAME

YEARS

PAGE 1

0000-0200

HOURS (L, S, T.)

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JUL

3300-0500

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 10-70

JSAFETAC

PSYCHROMETRIC SUMMARY

43-47, 49-72

JUL

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0660-0800

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH
1200-1400

[illegible]

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PSYCHROMETRIC SUMMARY

43-47, 49-72

JUL.

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L, S, T.)

0.26:5 (QLA)

FORM 1

USAFETAC

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43-47, 49-72

JUL

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
	94/ 93								.0											1	1											
92/ 91							.0	.1	.0										4	4												
90/ 89				.0	.2	.3	.2	.1											22	22												
88/ 87				.4	1.2	.9	.3	.0											74	74												
86/ 85			.5	1.9	2.2	.8	.2	.1											148	148												
84/ 83		.1	2.5	5.4	2.4	.9	.4	.0	.1										305	305	1	1										
82/ 81		.9	8.0	7.9	2.6	.7	.5	.1											536	536	55	6										
80/ 79	.1	2.4	11.2	5.6	2.4	1.3	.3	.2											610	610	221	75										
78/ 77	.1	3.1	6.0	3.2	1.5	1.0	.5	.0											402	402	616	276										
76/ 75	.5	4.0	2.2	1.2	.6	.4	.2												240	240	663	621										
74/ 73	.7	2.7	1.4	.5	.4	.0													148	148	467	629										
72/ 71	.6	1.0	.3	.3	.1														59	59	277	385										
70/ 69	.3	.5	.2	.1															31	31	152	250										
68/ 67	.0		.2																6	6	91	135										
66/ 65		.1																														
64/ 63																																
62/ 61																																
60/ 59																																
58/ 57																																
56/ 55																																
TOTAL	2.5	14.8	32.5	26.5	14.0	6.4	2.5	.6	.1										2589	2589	2589	2589										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

July.

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-46, 49-71

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
84/ 83				.0	.2	.0																10	10			
82/ 81	.1	.6	1.5	1.5	.0																	93	93	2	1	
80/ 79	.3	3.2	6.5	1.6	.5	.0																301	301	35	22	
78/ 77	.0	7.4	5.7	1.5	.3																	392	392	205	109	
76/ 75	2.0	10.0	4.7	1.0	.2	.0																445	445	469	330	
74/ 73	3.7	8.3	3.5	1.4	.2	.0																426	426	541	579	
72/ 71	3.7	5.5	2.5	.9	.3	.1																323	323	433	449	
70/ 69	1.5	4.3	1.9	.6	.1	.0																213	213	286	334	
68/ 67	.9	2.2	1.2	.2	.1																	114	114	195	230	
66/ 65	.0	1.6	.8	.4	.1																	90	90	142	143	
64/ 63	.4	1.2	.4	.1		.0																55	55	88	132	
62/ 61	.4	.5	.0	.0																		23	23	60	89	
60/ 59	.2	.1		.0																		8	8	29	37	
58/ 57																								6	21	
56/ 55																								2	11	
54/ 53																									4	
52/ 51																									1	
50/ 49																									1	
TOTAL	14.4	44.9	25.8	9.7	1.9	.3																2493	2493	2493	2493	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	20191650		223444		89.7		1.725		2491		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total			
Dry Bulb	13701825		184489		74.0		4.440		2493						86.4		62.2		8.6				93			
Wet Bulb	12865530		178772		71.7		4.292		2493						80.8		46.7		.5				93			
Dew Point	12503884		176182		70.7		4.611		2493						76.6		38.8		.4				93			

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
JUL 64

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

PAGE 1.

MANIN

0600-0800

HOURS (E - S - T.)

[illegible]

2

YEARS

AUG

STATION

STATION NAME

YEARS

MONTH

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
106/ 99														.0					1	1															
93/ 97													.1	.0					3	3															
96/ 95									.0		.0								2	2															
94/ 93								.0	.1	.2	.1		.0						12	12															
92/ 91					.1	.3	.6	.2	.1	.0									34	34															
90/ 89				.1	.5	1.9	1.7	.4	.1										116	116															
88/ 87				.7	2.7	4.6	2.3	.3	.1										265	265															
86/ 85			.5	2.5	7.8	4.7	1.5	.4	.2										438	438															
84/ 83		.0	.7	5.7	7.3	3.1	1.1	.3	.3	.1	.1								468	468	9														
82/ 81		.0	1.8	5.2	4.1	2.2	1.4	.5	.2	.1									384	384	75	10													
80/ 79		.6	3.9	3.3	2.5	1.5	.9	.4	.3	.1									313	313	283	56													
78/ 77	.1	1.4	1.7	1.5	1.2	.9	.4	.2	.0										185	185	639	196													
76/ 75	.4	1.1	1.0	1.0	.6	.4	.2	.2											123	123	591	525													
74/ 72	.4	.6	.8	.3	.7	.3													75	75	327	590													
72/ 71	.1	.4	.5	.3		.1	.0												36	36	212	367													
70/ 69		.2	.2	.2	.1	.2													22	22	154	241													
68/ 67		.2	.2	.1	.1														12	12	90	158													
66/ 65	.1		.3	.0															10	10	59	116													
64/ 63		.0																	1	1	37	80													
62/ 61		.1																	3	3	20	67													
50/ 59		.0																	1	1	8	26													
58/ 57																						33													
56/ 55																						17													
54/ 53																						11													
52/ 51																						7													
50/ 49																						1													
TOTAL	1.1	4.8	10.5	20.8	27.5	20.0	10.3	2.7	1.4	.5	.1	.1	.1						2504	2504		2504													

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

2

AUG

YEARS

1506-1700

HOURS (L, S, T.)

USAFETAC

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-45, 49-72

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87						.0	.0											2	2			
86/ 85					.1	.0												3	3			
84/ 83	.0	.2	.4	1.0	.0	.0												43	43	1		
82/ 81	.2	1.3	4.6	4.0	.3													261	261	11	:	
80/ 79	.3	5.4	10.4	3.5	1.0	.2	.0											521	522	71	26	
78/ 77	.2	6.9	7.0	3.4	1.2	.2												474	474	370	189	
76/ 75	1.0	6.5	4.5	1.7	1.2	.2												378	378	584	453	
74/ 73	2.1	6.1	3.1	1.1	.6													324	324	476	564	
72/ 71	1.1	4.7	1.5	.9	.4													215	215	391	412	
70/ 69	1.2	2.3	1.4	.8	.2	.1												149	149	249	336	
68/ 67	.4	1.2	1.0	.3	.0													72	72	152	167	
66/ 65	.3	.8	.4	.1														41	41	106	140	
64/ 63	.2	.3	.2	.0														18	18	62	99	
62/ 61	.1	.1																5	5	25	61	
60/ 59	.0																	1	1	3	50	
58/ 57																				1	6	
56/ 55																					6	
54/ 53																					1	
TOTAL	7.235	734.5	16.9	4.9	.8	.1												2507	2508	2507	2507	
						</																

PSYCHROMETRIC SUMMARY

SEP

YEARS

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13717
- - - - -
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72

YEARS

SFP

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0600-0800

HOURS (L, S, T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-46, 49-72

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

6900-1100

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46,49-72

SEP

STATION

STATION NAME

YEARS

PAGE 1

1200-1400

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
98/ 97										.1	.1							4	4								
96/ 95																		4	4								
94/ 93							.0	.1	.2	.1	.0							11	11								
92/ 91					.0		.1	.3	.3	.2								22	22								
90/ 89					.2	.3	.5	.7	.1	.2		.0						31	31								
88/ 87				.0	1.0	2.0	1.4	.5	.7	.1	.1							145	145								
86/ 85			.0	1.9	4.8	4.0	1.5	1.0	.3	.2	.1							347	347								
84/ 83		.0	.5	4.2	5.0	3.9	2.4	1.5	.8	.3								466	466	2							
82/ 81		.1	.6	3.2	2.6	3.5	2.1	1.4	.8	.4								369	369	14	3						
80/ 79	.1	.3	1.2	1.8	2.3	2.3	2.0	1.3	.5	.1	.0							300	300	145	15						
78/ 77	.1	.3	1.2	1.5	1.8	1.7	1.5	1.0	.3	.0								233	233	384	107						
76/ 75	.3	1.0	.8	.8	.8	1.4	1.1	.6	.3	.2								186	186	396	250						
74/ 73	.3	.5	.4	.5	.9	1.2	.4	.7	.3									130	130	337	365						
72/ 71	.3	.2	.4	.6	.5	.5	.5	.4	.2									89	89	302	300						
70/ 69	.1	.3	.3	.3	.4	.2	.2	.2	.1									48	48	233	253						
68/ 67	.2	.5	.5	.2	.3	.2	.0	.1										51	51	208	230						
66/ 65	.2	.4	.1	.0	.1	.0	.2											24	24	187	198						
64/ 63	.1	.1					.1											8	8	129	186						
62/ 61			.0	.1														3	3	56	149						
60/ 59		.1	.1															4	4	59	122						
58/ 57		.1																2	2	23	101						
56/ 55																				11	67						
54/ 53																				9	50						
52/ 51																				2	29						
50/ 49																					30						
48/ 47																					14						
46/ 45																					10						
44/ 43																					8						
42/ 41																					6						
40/ 39																					3						
38/ 37																					1						
TOTAL	1.6	4.0	6.0	15.4	20.7	21.2	14.1	9.8	4.8	1.9	.4	.1						2497	2497		2497						
																		2497		2497							
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																					
Rel. Hum.	11234622	164060	65.7	13.508	2497	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	16253167	200977	80.5	5.556	2497			88.5	81.7	57.1	.7	90															
Wet Bulb	12908992	179005	71.7	5.535	2497			72.8	46.1	2.3		90															
Dew Point	11469720	168242	67.4	7.526	2497			54.9	26.7	.2		90															

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

43-46,49-72

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb
96/ 95									.0		.1							3	3	
94/ 93									.0	.1	.1							6	6	
92/ 91									.1	.1								7	7	
90/ 89						.1	.2	.2		.1								21	21	
88/ 87					.5	.6	.4	.5	.2	.3			.0					53	53	
86/ 85			.0	.9	2.3	1.9	.9	.0	.2	.3	.1							181	181	
84/ 83		.0	.9	4.1	3.0	3.0	1.4	.6	.3	.2								391	391	
82/ 81		.1	1.7	5.7	3.8	2.9	1.7	1.1	.3	.0								436	436	4
80/ 79		.4	3.0	4.2	3.2	2.5	2.3	.5	.4	.1								427	427	100
78/ 77	.1	.9	2.0	1.7	2.4	1.8	1.4	1.0	.2	.0								290	290	299
76/ 75	.3	1.5	1.1	1.4	1.5	1.8	1.0	.5	.2									232	232	472
74/ 73	.5	1.1	.0	.8	1.5	1.0	.6	.6	.2									175	175	362
72/ 71	.5	.7	.9	.4	.6	.8	.4	.0	.2									115	115	310
70/ 69	.2	.5	.8	.3	.5	.3	.3	.2	.0									78	78	275
68/ 67	.2	.3	.3	.5	.2	.1	.0	.0										39	39	221
66/ 65	.1	.4	.2	.2	.0		.2	.0										29	29	192
64/ 63	.0	.3	.0				.0											10	10	113
62/ 61	.0	.0	.1	.1														6	6	76
60/ 59	.1	.0	.1															5	5	50
58/ 57		.0	.0															2	2	18
56/ 55			.0															1	1	6
54/ 53																				9
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
TOTAL	2.0	6.4	11.9	20.3	21.8	16.6	11.1	5.9	2.6	1.1	.4	.0						2507	2507	2507
Element (X)	Z _x	Z _y	X	Y	No. Obs.	Mean No. of Hours with Temperature														
Rel Hum	12600777	174449	69.6	13.575	2507	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	15734328	198184	79.1	5.187	2507			88.1	79.0	48.5	.3	90								
Wet Bulb	12868187	179139	71.5	5.198	2507			73.3	44.4	1.1		90								
Dew Point	11615111	169783	67.0	6.827	2507			56.2	26.8	.1		90								

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

43-46, 49-72

YEARS

SEP

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SLP

MONTH

00-2

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

307

YEARS

MONTH

0000-0200

HOURS (- S - T)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-46, 49-72

OCT

STATION

STATION NAME

YEARS

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79			.0	.1														4	4																
78/ 77		.0	.4	.3														19	19	4	1														
76/ 75		.2	.7	.1	.1													28	28	22	15														
74/ 73		.3	1.3	.4	.2													59	59	39	31														
72/ 71		.7	1.5	.2	.1													81	81	54	65														
70/ 69		.7	2.1	1.0	.1		.0											92	102	77	66														
68/ 67	1.1	3.6	.8	.2	.0	.0												147	148	119	104														
66/ 65	2.1	4.1	1.4	.3	.0													198	198	170	150														
64/ 63	2.1	4.1	1.4	.3	.0													201	203	184	179														
62/ 61	1.6	4.1	1.4	.4	.1	.0												188	189	187	173														
60/ 59	2.2	4.7	1.2	.5	.1	.0												217	217	203	193														
58/ 57	1.3	4.1	1.9	.3	.1	.1												209	209	197	192														
56/ 55	1.8	2.4	1.6	.6	.2	.3	.0											164	164	178	172														
54/ 53	1.9	2.5	1.7	.3	.2	.1												156	156	145	138														
52/ 51	.3	4.1	1.0	.4	.0													156	156	164	136														
50/ 49	.3	2.9	1.3	.3	.1	.0												136	136	152	157														
48/ 47	.3	2.1	.5	.3	.2	.0												91	91	125	115														
46/ 45	.3	2.1	.9	.2	.1													103	103	117	125														
44/ 43	.3	1.4	.4	.2														59	59	91	105														
42/ 41	.3	1.3	.4	.1	.0													3	60	78	88														
40/ 39	.4	1.4	.5	.0														59	59	66	97														
38/ 37	.3	.7	.2	.0														41	41	57	63														
36/ 35	.1	.5	.2	.1														23	23	33	44														
34/ 33		.3	.0															8	8	20	33														
32/ 31	.1	.1	.0															7	7	14	24														
30/ 29																				4	21														
28/ 27		.1																2	2	2	10														
26/ 25		.0																1	1	2	8														
24/ 23																					2														
22/ 21																					2														
20/ 19																					2														
18/ 17																					1														
16/ 15																					2														
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF ETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46,49-72

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
87/ 73			.2	.1	.1													9	9					
73/ 77	.3	.3	.4	.4	.0													26	28	3	1			
76/ 75	.2	.7	.4	.1	.0	.0												38	38	22	14			
74/ 73	.3	1.6	.9	.3														79	79	47	33			
72/ 71	1.3	1.2	.8	.2	.0													84	86	97	80			
70/ 69	.7	2.6	.9	.4	.1													123	127	80	85			
68/ 67	1.2	3.5	1.9	.3	.2													181	184	147	120			
66/ 65	1.4	3.7	2.1	.3	.3	.0	.0											201	201	160	141			
64/ 63	1.7	4.4	2.3	.4	.2	.0												228	229	205	185			
62/ 61	1.2	3.5	1.8	.5	.4	.1												188	190	193	198			
60/ 59	1.5	3.7	1.5	.8	.5	.2												212	212	204	180			
58/ 57	1.8	3.4	2.3	.6	.3	.0												214	216	180	175			
56/ 55	.9	3.4	1.6	1.2	.2													190	190	183	172			
54/ 53	.3	2.4	1.5	.9	.1													146	146	184	150			
52/ 51	.4	2.2	1.8	.9	.1	.1												141	141	144	161			
50/ 49	.5	2.5	1.5	.7	.1	.1												139	139	166	132			
48/ 47	.2	1.8	.9	.2	.2													81	81	133	124			
46/ 45	.5	1.0	.9	.3	.1													71	71	112	131			
44/ 43	.3	1.5	.5	.3	.1													69	69	71	122			
42/ 41	.2	1.0	.4	.1														42	42	67	77			
40/ 39	.2	.5	.4	.1														30	30	60	84			
38/ 37	.2	.8	.3	.1														35	35	35	57			
36/ 35	.1	.4	.2	.1														21	21	34	37			
34/ 33		.2	.1															7	7	18	30			
32/ 31	.1	.2																7	7	16	27			
30/ 29		.0																1	1	2	22			
28/ 27	.0																	1	1	3	15			
26/ 25																					6			
24/ 23																					3			
22/ 21																					1			
20/ 19																					1			
18/ 17																					4			
TOTAL	15.5	46.4	25.0	9.4	3.1	.5	.0											2566	2580		2566			
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	19557186	222256	86.6	10.928	2566	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	9124208	151508	58.7	9.383	2580		.3	19.9	5.6	.1		93												
Wet Bulb	8394835	144673	56.4	9.630	2566		.8	14.4	2.6			93												
Dew Point	7923188	139938	54.5	10.662	2566		2.8	12.1	1.7			93												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

T

3CT

STATION

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L. S. T.)

FORM
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

JCT

STATION	STATION NAME
---------	--------------

YEARS

PAGE 1

MONTH
1200-1400

HOURS (L, S, T, J)

[illegible]

PSYCHROMETRIC SUMMARY

DCT

STATION

STATION NAME

YEARS

PAGE 2 1200-1400

MONTH

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-46, 49-72

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

ДСТ

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
26/ 25																					9	
24/ 23																					4	
22/ 21																					4	
TOTAL	1.0	7.9	14.2	17.7	18.2	14.7	12.7	7.6	3.6	1.6	.3	.2	.1						2583		2583	
																		2583		2583		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-46,49-72

1 OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point		
82/ 81			.0		.0													2	2				
80/ 79		.1	.4	.2	.3													26	26				
78/ 77	.1	.5	.6	.3	.3	.2		.0										54	54	9	4		
76/ 75		.7	1.6	1.3	.3	.1	.1		.0									116	116	32	15		
74/ 73	.2	2.2	2.3	1.8	.7	.1	.1		.1									192	192	56	41		
72/ 71	.4	2.4	3.0	1.7	1.0	.2	.1											230	231	151	106		
70/ 69	.7	3.1	3.4	1.9	.8	.2	.1											261	261	219	154		
68/ 67	.5	4.4	3.9	1.3	1.0	.2	.1	.0										293	293	240	191		
66/ 65	.8	3.3	2.9	1.6	.9	.5												252	253	296	243		
64/ 63	.3	2.8	2.3	1.2	.6	.4			.0									198	198	238	245		
62/ 61	.5	2.1	2.1	1.2	.5	.3	.0	.0										174	175	212	208		
60/ 59	.8	2.3	1.9	.9	.9	.1	.0		.0									177	178	214	215		
58/ 57	.4	1.5	1.4	.9	.7	.0		.0										128	128	172	173		
56/ 55	.2	2.0	1.4	.7	.5	.1	.0											129	129	152	164		
54/ 53	.3	1.6	1.0	.5	.2	.1	.1											98	98	132	141		
52/ 51	.1	1.3	.9	.4	.1	.2												77	77	135	130		
50/ 49	.2	.9	1.0	.4	.1	.0		.0										68	68	100	125		
48/ 47	.1	.7	.1	.2	.2	.0												32	32	78	99		
46/ 45	.0	.6	.3	.1	.0													29	29	53	91		
44/ 43		.6		.0	.0													17	17	37	69		
42/ 41		.2	.0	.2														11	11	28	63		
40/ 39		.1																3	3	12	27		
38/ 37	.0	.1	.0															4	4	7	13		
36/ 35	.0																	1	1	8	15		
34/ 33		.0																1	1	1	14		
32/ 31																					7		
30/ 29																					8		
28/ 27																					3		
26/ 25																					6		
24/ 23																					1		
22/ 21																					2		
TOTAL	5.433	7.30	9.17	1.1	8.9	2.8	.7	.2	.2									2573	2577		2573		
																		2573		2573			
Element (X)	Σx^2		Σx		\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	17497168		209852		61.6	12.184	2573		$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$									
Dry Bulb	10828129		165743		64.3	8.080	2577				42.4	14.1	.4		93								
Wet Bulb	9665226		156298		60.7	8.150	2573				25.2	3.5			93								
Dew Point	8963595		149937		58.3	9.380	2573			1.0	18.5	2.2			93								

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13717	MYRTLE BEACH AFB SOUTH CAROLINA
STATION	STATION NAME

43-46, 49-72

3CT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

42-46, 49-72
YEARS

NGV
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
74/ 73		.3	.0															9	9	3	2				
72/ 71	.1	.4	.2	.2	.0													20	20	9	8				
70/ 69	.1	.8	.7	.4														46	46	15	11				
68/ 67	.3	1.4	.9	.2														76	78	47	33				
66/ 65	1.1	1.5	.9	.3														92	95	80	67				
64/ 63	1.3	2.4	1.1	.3		.0	.0											128	129	115	90				
62/ 61	.9	2.7	.6	.4	.1	.0												119	119	115	104				
60/ 59	.9	2.8	.7	.4	.0	.1												121	124	118	116				
58/ 57	.7	2.7	1.5	.2	.4	.1												139	142	112	127				
56/ 55	.7	3.2	1.1	.6	.2	.1	.0											148	151	117	91				
54/ 53	1.1	2.4	1.1	.7	.2	.1												137	139	154	128				
52/ 51	.6	1.8	.9	.6	.2	.2												104	108	103	115				
50/ 49	1.1	2.4	2.0	.7	.1													155	157	126	115				
48/ 47	.6	2.8	1.2	.4	.3	.1												134	136	134	101				
46/ 45	1.3	3.4	1.1	.9	.2													178	173	178	135				
44/ 43	1.2	2.6	1.3	.7	.2	.1												153	155	156	157				
42/ 41	1.2	2.6	1.3	.9	.2	.1												142	144	137	146				
40/ 39	.9	2.5	1.5	.7	.2	.0												142	150	137	123				
38/ 37	1.0	2.0	.9	.6	.2													117	118	134	126				
36/ 35	.6	1.5	.5	.3	.2													76	76	106	120				
34/ 33	.9	1.7	.6	.2	.0													84	84	109	109				
32/ 31	.7	1.2	.4	.0														57	58	78	104				
30/ 29	.7	.9	.5	.1														52	54	72	90				
28/ 27	.3	.7	.0															25	25	56	52				
26/ 25	.3	.2	.0															14	14	23	59				
24/ 23	.0		.1															4	4	5	53				
22/ 21	.0	.1																3	3	6	26				
20/ 19	.0		.0															2	2	2	11				
18/ 17			.1															2	2		18				
16/ 15																				3	14				
14/ 13																					6				
12/ 11																					6				
10/ 9																					3				
2/ 1																					1				
Element (X)	Σ X ²			Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

NGV

MONTH
0000-0200

HOURS (L, S, T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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202

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

47-48, 49-72

NOV

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
74/ 73		.4	.1															13	13													
72/ 71		.1	.1	.1														8	8	13	6											
70/ 69	.0	.7	.3	.1														29	31	9	11											
68/ 67	.4	1.3	1.0	.4														75	76	40	29											
66/ 65	1.2	1.9	.6	.4														106	100	76	66											
64/ 63	.9	2.3	.7	.2														101	102	95	85											
62/ 61	1.0	2.1	.1	.2	.0													84	85	111	84											
60/ 59	1.1	2.3	.6	.0														99	102	102	118											
58/ 57	.9	3.0	1.1	.0	.2	.0	.1											134	137	102	106											
56/ 55	1.3	2.5	.3	.3	.3	.0	.0											133	135	112	105											
54/ 53	.8	2.6	.7	.2	.2	.2	.0											121	123	110	92											
52/ 51	.6	2.6	.6	.7	.1	.0				.0								117	123	110	110											
50/ 49	.8	2.1	1.6	.4	.2													128	129	109	106											
48/ 47	1.1	3.0	1.1	.9	.2	.0												156	157	127	89											
46/ 45	1.4	4.2	1.1	.4	.1													179	183	186	130											
44/ 43	1.7	3.0	.8	.7	.0	.0												154	157	178	171											
42/ 41	1.2	2.7	1.7	.6	.1													153	159	149	155											
40/ 39	.3	2.5	.9	.6	.2													111	114	117	119											
38/ 37	1.2	2.5	1.2	.6	.1													138	141	143	122											
36/ 35	1.1	1.3	1.3	.4														104	104	121	114											
34/ 33	1.0	2.3	.9	.3														118	118	139	127											
32/ 31	.9	1.8	.4	.2														82	85	117	126											
30/ 29	.4	1.5	.3															50	60	65	105											
28/ 27	.2	.8	.3	.1														36	36	65	74											
26/ 25	.3	.4																19	19	36	58											
24/ 23	.2	.0	.1															8	8	21	59											
22/ 21	.0	.2																5	5	4	35											
20/ 19	.0	.0																2	2	6	16											
18/ 17		.1	.0															4	4	2	20											
16/ 15																				2	26											
14/ 13																					1											
12/ 11																					7											
10/ 9																					1											
8/ 7																					1											
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ											
Rel. Hum.																																
Dry Bulb																																
Wet Bulb																																
Dew Point																																
Mean No. of Hours with Temperature																						Total										
≤ 0 F																						≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						

PSYCHROMETRIC SUMMARY

ENV

STATION

STATION NAME

YEARS

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MONTH

00-9800

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
76/ 75			.1																	2	2														
74/ 73		.3	.1																	9	9	1													
72/ 71	.1	.5	.3																	23	23	16	9												
70/ 69	.1	.7	.5	.1	.0															36	36	20	19												
68/ 67	.3	1.0	.9	.1																59	61	36	30												
66/ 65	.5	2.1	1.2	.3																107	108	55	47												
64/ 63	1.1	2.2	1.1	.2																113	113	117	85												
62/ 61	1.1	1.7	.6	.2	.1															90	99	117	112												
60/ 59	.8	2.2	1.0	.2	.0															103	107	101	93												
58/ 57	.9	2.9	.7	.2				.0												117	120	101	106												
56/ 55	.9	2.4	.8	.3	.1	.0														116	118	110	110												
54/ 53	.9	2.1	.7	.6	.1	.0	.0													112	118	112	108												
52/ 51	.8	3.0	1.5	.7	.4	.0														150	162	106	98												
50/ 49	.9	2.8	1.7	.6	.3	.0														161	163	117	117												
48/ 47	.8	2.9	1.1	.8	.4															165	167	153	113												
46/ 45	1.2	3.2	1.4	1.0	.2															175	179	104	123												
44/ 43	.9	3.4	1.5	.6	.2															166	172	178	150												
42/ 41	1.0	2.3	1.2	.8	.0															132	137	155	138												
40/ 39	.9	2.1	1.6	.8	.1															140	144	149	142												
38/ 37	.5	2.5	1.0	.6	.0															117	119	122	125												
36/ 35	.7	2.3	1.4	.6	.0															121	121	125	127												
34/ 33	.3	1.4	1.1	.3	.0															91	92	127	113												
32/ 31	.8	1.4	.6	.2																76	79	101	124												
30/ 29	.3	1.2	.4	.1																52	52	89	105												
28/ 27	.4	.8	.4																	33	33	49	68												
26/ 25	.3	.6	.1																	24	24	43	72												
24/ 23		.2	.0	.0																6	6	17	55												
22/ 21		.1	.0																	4	4	3	35												
20/ 19	.0	.1	.1																	5	5	6	21												
18/ 17		.1																		2	2	6	25												
16/ 15																						1	14												
14/ 13																							9												
12/ 11																							7												
10/ 9																							1												
Element (X)	Σ X'			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

NGV

STATION

STATION NAME

YEARS

PAGE 2

MONTH

0600-0200

HOURS (L. S. T.)

[illegible]

2

C.

NEV

STATION

STATION NAME

YEARS

PAGE 2

MONTH

0900-1100

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

N. V.

STATION NAME

YEARS

MONIM

PAGE 1

1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4.3V

STATION

STATION NAME

YEARS

PAGE 2

MONTH

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					20
14/ 13																					12
12/ 11																					9
10/ 9																					1
8/ 7																					3
6/ 5																					3
2/ 1																					2
0/ -1																					1
TOTAL	1.3	5.5	8.2	11.7	16.7	21.0	17.8	10.9	5.2	1.4	.4							2548	2596	2548	2548
													</								

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717

MYRTLE BEACH AFB SOUTH CAROLINA

42-46,49-72

NGV

STATION

STATION NAME

YEARS

PAGE 1

MONTH
1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
82/ 81					.1		.1	.1	.1									9	9								
80/ 79			.0			.1			.1									5	5								
78/ 77			.1	.2	.3	.2	.1	.0		.1								26	26								
76/ 75		.0	.3	.5	.4	.4	.2	.2	.0	.0								51	51	1							
74/ 73			.3	.8	.9	.5	.2	.4	.2	.0	.0							86	91	7	3						
72/ 71		.3	.9	1.1	1.1	.5	.4	.1	.4	.1	.0							127	130	19	3						
70/ 69		.7	2.1	1.7	1.6	.8	.7	.5	.3	.2	.0							219	227	53	22						
68/ 67	.2	1.1	1.8	1.8	1.3	.9	.5	.5	.3	.0	.1							218	224	109	55						
66/ 65	.2	1.5	2.0	2.0	1.8	1.0	.8	.4	.3	.3	.0							265	267	161	88						
64/ 63	.3	1.2	2.0	1.5	1.8	1.1	1.0	.4	.2	.1								246	252	175	139						
62/ 61	.4	1.2	1.2	2.0	1.2	.9	.9	.9	.3	.0								229	233	220	139						
60/ 59	.1	.4	.9	1.5	1.2	1.0	1.5	.7	.3									193	197	196	171						
58/ 57	.1	.4	.8	.9	1.0	1.3	1.3	.6	.3									167	168	177	161						
56/ 55	.0	.6	.8	1.1	1.0	1.3	1.0	.5	.0									163	167	191	131						
54/ 53	.1	.2	.7	.7	.9	1.3	1.1	.3	.0									135	136	165	128						
52/ 51	.2	.4	.5	.4	.8	.9	.9	.1										109	111	160	155						
50/ 49	.0	.8	.9	.4	1.1	.8	.6	.1										113	114	158	121						
48/ 47	.1	.3	.4	.4	.7	.6	.2											71	74	182	118						
46/ 45	.1	.4	.2	.2	.3	.5	.2											47	47	154	109						
44/ 43	.1	.2	.0	.2	.3	.4	.0											32	32	127	110						
42/ 41	.0	.0	.1	.1	.2													13	13	107	113						
40/ 39		.1	.0	.0	.2													10	10	83	80						
38/ 37				.1	.0													4	4	37	95						
36/ 35				.0		.1												3	3	31	115						
34/ 33					.0													1	1	19	72						
32/ 31																				5	87						
30/ 29																				2	60						
28/ 27																				2	59						
26/ 25				.1														2	2	1	61						
24/ 23			.0															1	1		26						
22/ 21																				1	36						
20/ 19																				2	35						
18/ 17																					14						
16/ 15																					22						
Element (X)	Σ X ²				Σ X				Σ				Σ				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

PSYCHROMETRIC SUMMARY

NOV

STATION

STATION NAME

YEARS

PAGE 2

MONTH

1500-1700

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

N45V

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

2

161

42-46, 49-72

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

0-26.5 (OLA)

USAFETAC

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NLV

YEARS

MONTH

HOURS (L, S, T,)

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

NIM

STATION

STATION NAME

YEARS

PAGE 2

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2100-2300

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

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USAFETAC 0-26.5 (OLA) FORM 10-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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REC

STATION NAME

YEARS

MONTH

MONTH
0300-0500

HOLDS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 8

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DEC

STATION NAME

YEARS

MONTH

0300-0500

HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

MONTH

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
73/ 77																		1	1								
72/ 71				.0	.0													2	2								
70/ 69			.1	.2	.0													9	9								
68/ 67	.0	.2	.2															12	12	5	3						
66/ 65	.2	1.2	.6	.1														59	59	28	13						
64/ 63	.3	1.0	.5	.1	.0		.0											74	76	60	53						
62/ 61	.4	1.2	.2	.3	.0													71	72	83	78						
60/ 59	.6	1.6	.2	.1														73	73	72	72						
58/ 57	.7	1.6	.9	.1														87	87	73	75						
56/ 55	.7	1.9	.5	.1	.0		.0											88	88	76	66						
54/ 53	.7	1.7	.8	.2	.0		.0											89	90	94	71						
52/ 51	.9	1.9	.3	.2	.2	.2												98	99	92	100						
50/ 49	.7	2.1	.6	.4	.5	.0	.0											119	115	82	86						
48/ 47	.8	2.0	.7	.5	.1	.0												109	109	97	83						
46/ 45	.8	1.8	.6	.8	.2	.0												120	120	101	88						
44/ 43	.9	2.0	1.1	.5	.2		.0											126	126	108	97						
42/ 41	1.0	2.3	1.2	.9	.2	.0												150	150	143	86						
40/ 39	.8	2.6	1.9	.6	.2													161	161	137	105						
38/ 37	1.1	2.6	1.9	.6	.1													165	166	159	111						
36/ 35	1.3	3.3	1.8	.8	.1													194	195	190	149						
34/ 33	.8	3.0	1.4	.6														152	153	160	147						
32/ 31	.7	2.8	1.7	.7														158	158	174	150						
30/ 29	.8	3.3	1.9	.8														172	172	157	157						
28/ 27	.5	3.1	.7	.2														117	117	174	102						
26/ 25	.6	1.5	.9	.1														84	84	137	141						
24/ 23	.3	2.0	.4															72	72	82	128						
22/ 21	.4	.9	.2															42	42	81	109						
20/ 19	.2	.3	.0															16	16	41	90						
18/ 17	.2	.2	.1															13	13	16	96						
16/ 15	.1	.1																6	6	6	65						
14/ 13	.1	.2	.0															8	8	9	44						
12/ 11																											

PSYCHROMETRIC SUMMARY

O & C

STATION

STATION NAME

YEARS

PAGE 2

MONTH

0600-0800

HOURS (L - S - T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

PAGE 2

MONTH

0900-1100

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

PAGE 2

MONTH

1200-1400

HOURS (L. S. T.)

[illegible]

2

(3)

of C

MONTH

1500-1700

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

B & C

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point				
14/ 13																				36				
12/ 11																				23				
10/ 9																				14				
8/ 7																				18				
5/ 5																				13				
4/ 3																				5				
2/ 1																				9				
0/ -1																				2				
-2/ -3																				1				
TOTAL	4.1	17.1	16.6	18.7	17.5	15.0	7.3	3.2	.9	.5	.2							2687		2679				
																		2679		2679				

3210580 NEW METHOD SIMILAR TO SMOKELESS CIGARETTES

0.26.5 (CL A)

USAFETAC

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Rel. Hum.	12085106	170640	63.7	21.319	2679						
Dry Bulb	7935985	143799	53.5	9.460	2687		1.3	1.3	1.3	.1	
Wet Bulb	6296131	127203	47.5	9.754	2679		6.1	1.0			
Dew Point	4862266	107338	40.1	14.273	2579	.1	27.5	.3			

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DEC

PAGE: 2

MONTH
1800-2000

HOURS (L. S. Y.)

0.26-5 (QL A)

FORM 4-73

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

2100-2300

[illegible]

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

PAGE 2

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47.49-72

STATION		STATION NAME												YEARS	
HRS. (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC.	ANNUAL	
00-02	MEAN	42.8	44.3	49.4	57.4	65.0	71.7	74.8	74.0	69.4	59.0	49.6	42.9	58.2	
	S D	11.428	10.816	10.004	8.579	6.923	5.286	4.060	4.440	6.167	9.319	11.104	11.865	14.764	
	TOTAL OBS	2669	2440	2682	2589	2569	2469	2492	2493	2421	2518	2515	2602	30559	
03-05	MEAN	41.5	42.8	47.8	55.4	63.0	69.7	73.2	72.4	67.7	57.5	48.0	41.7	56.6	
	S D	11.820	11.360	10.614	9.134	7.303	5.638	4.103	4.506	6.274	9.545	11.334	12.176	14.859	
	TOTAL OBS	2671	2439	2685	2593	2671	2473	2515	2502	2427	2523	2516	2589	30604	
06-08	MEAN	41.2	42.6	48.6	58.0	66.8	73.7	76.4	74.9	69.6	58.7	48.4	41.6	58.2	
	S D	11.973	11.408	10.628	9.067	7.138	6.015	4.473	4.891	6.714	9.383	11.229	12.142	15.956	
	TOTAL OBS	2681	2438	2681	2590	2665	2516	2584	2490	2504	2580	2566	2654	30949	
09-11	MEAN	48.3	50.4	56.8	66.5	74.6	80.8	83.0	82.3	77.7	68.6	58.5	49.5	66.3	
	S D	11.505	10.721	10.048	8.074	6.390	5.577	4.351	4.793	6.197	7.888	9.803	10.954	15.307	
	TOTAL OBS	2686	2435	2685	2591	2665	2538	2593	2504	2503	2584	2598	2690	31077	
12-14	MEAN	53.2	55.0	60.1	69.1	76.6	82.5	84.7	84.2	80.5	72.8	63.5	55.0	69.6	
	S D	10.967	9.890	9.284	7.680	6.218	5.563	4.652	4.713	5.556	7.007	8.777	10.198	13.983	
	TOTAL OBS	2676	2439	2680	2591	2662	2535	2586	2488	2497	2584	2596	2688	31022	
15-17	MEAN	52.2	54.4	59.3	67.9	75.2	81.0	83.2	82.8	79.1	71.2	61.4	53.5	68.3	
	S D	9.785	8.855	8.424	7.183	5.595	5.217	4.479	4.371	5.187	6.638	8.275	9.460	13.514	
	TOTAL OBS	2681	2431	2677	2589	2669	2539	2598	2503	2507	2583	2595	2687	31059	
18-20	MEAN	46.7	49.0	54.6	63.1	70.9	77.3	79.7	79.0	74.5	64.3	54.0	47.2	63.2	
	S D	9.845	8.659	8.107	6.845	5.432	4.562	3.858	3.994	5.485	8.080	9.850	10.246	14.322	
	TOTAL OBS	2679	2426	2677	2586	2668	2543	2589	2494	2495	2577	2583	2678	30995	
21-23	MEAN	44.1	46.0	51.5	59.8	67.5	74.1	76.7	76.0	71.5	60.7	50.8	44.7	60.1	
	S D	10.964	9.971	9.088	7.787	6.182	4.644	3.754	4.195	6.061	9.006	10.852	11.233	14.671	
	TOTAL OBS	2673	2426	2683	2585	2669	2531	2540	2508	2476	2560	2591	2676	30918	
ALL HOURS	MEAN	46.3	48.0	53.5	62.1	69.9	76.4	79.0	78.2	73.8	64.1	54.3	47.1	62.6	
	S D	11.891	11.248	10.600	9.452	8.031	6.937	5.844	6.163	7.518	10.134	11.696	12.102	15.423	
	TOTAL OBS	21416	19477	21450	20714	21338	20144	20457	19982	19630	20511	20560	21264	247183	

USAF ETAC FORM 1004 0895 (OL 1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47,49-72

STATION		STATION NAME												YEARS	
HRS (LST.)		JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	40.7	41.6	46.0	54.5	62.6	69.2	72.4	71.7	67.1	56.9	47.4	40.6	55.8	
	S D.	11.582	10.946	10.344	8.778	6.759	5.154	3.716	4.292	6.334	9.478	11.220	12.010	14.831	
	TOTAL OBS	2669	2428	2682	2574	2666	2461	2492	2493	2421	2512	2470	2593	30463	
03-05	MEAN	39.7	40.4	46.0	53.1	61.2	67.9	71.5	70.6	65.9	55.6	46.0	39.6	54.6	
	S D.	11.947	11.492	10.344	9.306	7.224	5.537	3.868	4.453	6.526	9.773	11.481	12.252	15.038	
	TOTAL OBS	2671	2430	2684	2577	2664	2467	2515	2502	2427	2514	2471	2579	30501	
06-08	MEAN	39.3	40.2	46.0	54.7	63.3	70.1	73.1	72.0	66.9	56.4	46.2	39.5	55.5	
	S D.	12.122	11.606	10.965	9.175	6.898	5.438	3.767	4.535	6.744	9.630	11.442	12.248	15.627	
	TOTAL OBS	2678	2429	2676	2583	2659	2513	2584	2490	2503	2566	2517	2644	30842	
09-11	MEAN	43.9	45.0	50.4	58.5	66.3	72.7	75.6	74.8	70.5	61.5	52.2	44.8	59.6	
	S D.	11.396	10.769	10.109	8.181	6.211	4.840	3.441	4.082	5.976	8.212	10.091	11.164	14.388	
	TOTAL OBS	2682	2432	2684	2591	2662	2537	2593	2504	2503	2581	2552	2680	31001	
12-14	MEAN	46.7	47.6	52.2	59.8	67.3	73.6	76.5	75.7	71.7	63.5	54.6	47.9	61.3	
	S D.	10.569	9.842	9.242	7.624	5.819	4.684	3.507	4.026	5.535	7.594	9.263	10.311	13.435	
	TOTAL OBS	2676	2433	2679	2591	2662	2535	2586	2488	2497	2582	2548	2682	30959	
15-17	MEAN	46.4	47.7	52.0	59.7	67.2	73.3	76.1	75.5	71.5	63.4	54.2	47.5	61.1	
	S D.	9.789	9.007	8.498	7.200	5.486	4.383	3.466	3.796	5.198	7.348	9.032	9.784	13.156	
	TOTAL OBS	2681	2425	2677	2588	2668	2539	2598	2503	2507	2583	2545	2679	30993	
18-20	MEAN	43.5	45.1	50.1	58.0	66.0	72.1	74.8	74.2	70.0	60.7	50.8	44.1	59.0	
	S D.	10.170	9.207	8.628	7.241	5.566	4.411	3.348	3.731	5.523	8.150	10.141	10.568	13.933	
	TOTAL OBS	2679	2420	2677	2586	2666	2542	2589	2495	2495	2573	2532	2673	30927	
21-23	MEAN	41.7	43.0	48.3	56.3	64.3	70.7	73.5	72.9	68.3	58.2	48.4	42.2	57.2	
	S D.	11.058	10.249	9.494	8.081	6.178	4.632	3.381	3.986	6.073	9.010	10.981	11.446	14.529	
	TOTAL OBS	2670	2416	2683	2581	2669	2531	2540	2507	2475	2554	2540	2667	30833	
ALL HOURS	MEAN	42.8	43.8	48.9	56.8	64.8	71.2	74.2	73.4	69.0	59.5	50.0	43.3	58.0	
	S D.	11.426	10.798	10.125	8.571	6.647	5.267	3.955	4.483	6.355	9.172	10.971	11.671	14.588	
	TOTAL OBS	21406	19413	21442	20671	21316	20125	20497	19982	19828	20465	20175	21199	246519	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47,49-72

STATION	STATION NAME	YEARS												
HRS. (L.S.T.)		JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	37.5	37.7	43.7	52.1	61.1	67.9	71.4	70.7	65.8	55.2	44.9	37.1	53.6
	S D	13.678	13.525	12.483	10.358	7.262	5.587	3.958	4.611	6.980	10.386	12.738	14.169	16.467
	TOTAL OBS	2669	2428	2682	2574	2566	2461	2492	2493	2421	2512	2470	2595	30463
03-05	MEAN	36.7	36.7	42.7	51.0	60.0	66.9	70.7	69.8	64.8	54.1	43.7	36.3	52.6
	S D	13.951	13.921	13.012	10.612	7.678	5.880	4.061	4.760	7.123	10.672	12.929	14.281	16.634
	TOTAL OBS	2670	2430	2684	2577	2664	2467	2515	2502	2427	2514	2470	2579	30499
06-08	MEAN	36.3	36.5	42.7	51.8	61.1	68.3	71.7	70.6	65.5	54.5	43.7	36.2	53.1
	S D	14.162	14.169	13.233	10.860	7.821	5.928	3.997	4.902	7.364	10.662	13.016	14.331	17.119
	TOTAL OBS	2678	2429	2676	2583	2660	2513	2584	2490	2503	2566	2517	2644	30843
09-11	MEAN	38.2	38.0	43.4	52.1	61.4	69.0	72.6	71.7	66.9	56.5	45.8	38.7	54.4
	S D	14.648	14.903	14.235	11.717	8.413	6.057	4.185	4.986	7.317	10.991	13.667	14.694	17.171
	TOTAL OBS	2681	2432	2684	2591	2661	2537	2593	2504	2503	2581	2552	2680	30999
12-14	MEAN	38.7	38.7	43.9	52.6	62.0	69.6	73.2	72.1	67.4	57.1	46.1	39.3	54.9
	S D	14.744	14.897	13.916	11.579	8.373	6.169	4.349	5.185	7.326	11.110	13.894	14.936	17.181
	TOTAL OBS	2675	2433	2679	2591	2662	2534	2586	2488	2497	2582	2548	2682	30957
15-17	MEAN	39.3	39.5	44.5	53.4	62.6	69.8	73.2	72.4	67.7	58.0	47.2	40.1	55.5
	S D	14.055	14.007	13.153	11.082	7.920	5.747	4.294	4.832	6.827	10.568	13.417	14.273	16.648
	TOTAL OBS	2681	2425	2677	2588	2668	2539	2598	2503	2507	2583	2545	2679	30993
18-20	MEAN	39.5	40.1	45.1	53.9	63.1	69.7	72.8	72.2	67.7	58.3	47.5	40.1	55.7
	S D	12.885	12.716	12.097	10.072	7.183	5.443	3.991	4.397	6.417	9.380	12.123	13.202	15.908
	TOTAL OBS	2679	2420	2677	2586	2666	2542	2589	2494	2494	2573	2532	2672	30924
21-23	MEAN	38.4	39.1	44.8	53.5	62.4	69.1	72.1	71.6	66.7	56.4	45.8	38.7	54.7
	S D	13.121	12.910	11.941	9.955	6.989	5.290	3.746	4.367	6.746	9.885	12.506	13.661	16.131
	TOTAL OBS	2670	2416	2683	2581	2669	2531	2540	2507	2475	2554	2540	2665	30831
ALL HOURS	MEAN	38.1	38.3	43.9	52.6	61.7	68.8	72.2	71.4	66.6	56.3	45.6	38.3	54.3
	S D	13.960	13.954	13.056	10.834	7.777	5.845	4.163	4.837	7.091	10.566	13.116	14.278	16.697
	TOTAL OBS	21403	19413	21442	20671	21316	20124	20497	19981	19827	20465	20174	21196	246509

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SOUTH CAROLINA
STATION STATION NAME

42-47,49-72
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.3	93.8	86.6	76.7	64.3	50.1	28.3	75.7	21402
FEB		100.0	99.7	96.7	90.4	80.8	70.0	57.6	43.3	23.4	72.1	19412
MAR		100.0	99.6	96.9	90.7	82.4	72.0	59.9	45.3	24.0	73.0	21442
APR		100.0	99.8	97.6	92.6	85.4	75.3	61.4	44.8	21.9	73.7	20670
MAY		100.0	100.0	99.5	97.1	92.0	83.0	69.1	50.1	22.3	77.2	21316
JUN		100.0	100.0	99.9	99.1	96.0	89.1	75.7	50.7	21.0	78.9	20123
JUL		100.0	100.0	100.0	99.9	98.5	93.5	78.6	54.0	24.4	80.9	20497
AUG		100.0	100.0	100.0	99.7	98.2	92.9	77.7	54.3	25.1	80.8	19978
SEP		100.0	100.0	100.0	99.4	96.3	88.9	74.3	53.3	24.3	79.8	19826
OCT		100.0	100.0	99.3	96.4	90.6	82.3	70.4	53.8	27.0	78.0	20465
NOV		100.0	99.9	98.1	93.0	85.7	76.5	64.7	49.4	26.2	75.2	20174
DEC		100.0	99.8	98.2	93.1	85.1	74.4	61.4	47.0	25.9	74.4	21196
TOTALS		100.0	99.9	98.7	95.4	89.8	81.2	67.8	49.7	24.5	75.6	246561

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

13717	MYRTLE BEACH AFB SOUTH CAROLINA	43-47, 49-72	JAN
STATION	STATION NAME	PERIOD	MONTH

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.8	99.2	95.2	87.6	78.6	66.1	39.4	82.7	2669
	03-05	100.0	100.0	99.9	99.2	97.0	89.9	80.7	68.6	42.2	83.7	2670
	06-08	100.0	100.0	99.9	99.4	97.0	91.3	80.5	67.5	40.6	83.6	2678
	09-11	100.0	99.9	99.0	92.8	81.1	67.7	51.5	35.5	17.1	70.2	2681
	12-14	100.0	99.5	94.4	80.2	64.4	49.4	34.1	22.1	11.2	61.1	2674
	15-17	100.0	99.5	94.4	83.9	71.7	57.6	42.0	27.5	12.6	64.6	2681
	18-20	100.0	99.9	99.5	96.5	91.8	82.3	69.4	51.4	27.7	77.8	2679
	21-23	100.0	100.0	99.8	98.8	94.9	87.8	77.7	62.5	35.7	81.6	2670
TOTALS		100.0	99.9	98.3	93.8	86.6	76.7	64.3	50.1	28.3	75.7	21402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.7	97.4	91.2	82.9	71.8	56.7	33.7	79.4	2428
	03-05	100.0	100.0	100.0	98.5	92.5	84.8	74.0	59.8	34.5	80.6	2430
	06-03	100.0	100.0	99.8	98.2	93.5	85.3	73.9	59.2	32.7	80.2	2429
	09-11	100.0	99.8	96.6	86.6	71.1	55.9	40.6	28.9	15.0	65.2	2431
	12-14	100.0	99.1	89.1	73.5	57.4	43.2	30.4	19.5	9.1	57.8	2433
	15-17	100.0	98.7	90.5	78.6	64.5	51.3	37.5	23.0	9.7	61.1	2425
	18-20	100.0	99.9	98.4	93.5	85.5	75.1	61.9	43.6	21.5	73.8	2420
	21-23	100.0	100.0	99.4	97.0	90.7	81.4	70.3	55.3	31.2	78.6	2416
TOTALS		100.0	99.7	96.7	90.4	80.8	70.0	57.6	43.3	23.4	72.1	19412

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SOUTH CAROLINA

43-47,49-72

MAP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.8	98.4	93.9	87.4	78.0	63.3	36.8	82.1	2682
	03-05	100.0	100.0	100.0	99.7	96.2	88.8	80.1	68.4	42.6	83.7	2684
	06-08	100.0	100.0	100.0	98.7	94.7	87.1	76.0	60.4	35.6	81.4	2676
	09-11	100.0	99.9	96.2	84.2	68.8	54.4	40.3	26.4	11.6	63.8	2684
	12-14	100.0	98.8	91.3	76.1	59.6	45.8	32.1	18.4	6.6	58.4	2679
	15-17	100.0	98.3	90.7	80.1	68.1	53.1	38.4	23.9	8.6	61.7	2677
	18-20	100.0	99.5	97.2	92.0	85.4	74.9	60.3	42.8	19.1	72.9	2677
	21-23	100.0	100.0	99.4	97.1	92.4	84.5	73.6	58.4	30.7	79.6	2683
TOTALS		100.0	99.6	96.8	90.7	82.4	72.0	59.9	45.3	24.0	73.0	21442

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.6	98.7	96.4	91.8	83.6	69.1	38.1	83.8	2573
	03-05	100.0	100.0	99.9	99.3	97.8	93.5	86.5	74.7	46.9	86.2	2577
	06-08	100.0	100.0	100.0	99.1	95.7	88.3	77.6	59.2	31.5	81.2	2583
	09-11	100.0	99.9	97.2	85.9	70.7	53.3	34.6	18.1	5.9	62.1	2591
	12-14	100.0	99.6	92.6	80.4	65.3	48.0	27.0	13.4	4.6	58.6	2591
	15-17	100.0	99.2	93.6	84.9	73.1	58.0	37.9	19.6	5.6	62.7	2588
	18-20	100.0	99.8	98.2	94.2	88.9	79.2	63.9	43.0	14.6	74.0	2586
	21-23	100.0	99.9	99.4	97.9	95.4	90.3	80.0	61.4	28.2	81.2	2581
TOTALS		100.0	99.8	97.6	92.6	85.4	75.3	61.4	44.8	21.9	73.7	20670

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SOUTH CAROLINA
STATION STATION NAME

43-47, 49-72
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.8	98.4	93.5	80.3	43.4	87.9	2666
	03-05	100.0	100.0	100.0	100.0	99.9	98.9	96.4	85.8	54.1	90.2	2664
	06-08	100.0	100.0	100.0	99.9	98.8	93.8	82.9	64.4	28.2	82.8	2660
	09-11	100.0	100.0	99.4	94.3	80.9	61.8	38.8	17.9	4.1	65.2	2661
	12-14	100.0	100.0	98.1	90.7	76.7	57.6	33.3	13.1	3.3	62.8	2662
	15-17	100.0	99.9	98.8	93.8	84.9	67.8	45.2	19.8	4.5	66.9	2668
	18-20	100.0	100.0	99.7	98.5	95.4	89.0	73.9	48.3	12.4	77.3	2666
	21-23	100.0	100.0	100.0	99.9	99.3	96.7	89.1	71.2	28.7	84.6	2669
TOTALS		100.0	100.0	99.5	97.1	92.0	83.0	69.1	50.1	22.3	77.2	21316

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	00-02	100.0	100.0	100.0	100.0	100.0	99.4	96.4	84.1	40.5	88.4	2461
	03-05	100.0	100.0	100.0	100.0	99.9	99.7	98.5	91.4	55.7	91.2	2467
	06-08	100.0	100.0	100.0	100.0	99.6	97.4	89.5	66.5	25.0	83.8	2513
	09-11	100.0	100.0	100.0	98.7	92.7	76.1	42.1	14.6	3.4	68.4	2537
	12-14	100.0	100.0	99.8	97.1	86.8	70.5	39.1	12.7	3.1	66.5	2534
	15-17	100.0	100.0	99.5	97.9	91.2	78.9	52.1	18.4	4.2	70.0	2539
	18-20	100.0	100.0	100.0	99.5	97.8	92.5	79.2	46.4	10.5	78.3	2542
	21-23	100.0	100.0	100.0	99.9	99.6	98.2	92.7	71.5	25.3	84.7	2530
TOTALS		100.0	100.0	99.9	99.1	96.0	89.1	73.7	50.7	21.0	78.9	20123

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-47,49-72
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.7	97.8	88.2	48.1	89.7	2492
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.0	92.9	61.6	92.0	2515
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	94.7	73.4	31.3	86.0	2584
	09-11	100.0	100.0	100.0	99.8	97.6	86.9	52.6	17.0	3.4	71.5	2593
	12-14	100.0	100.0	100.0	99.5	94.5	81.1	45.0	12.5	3.5	69.5	2586
	15-17	100.0	100.0	100.0	99.5	96.3	86.1	60.5	19.9	5.5	72.7	2598
	18-20	100.0	100.0	100.0	100.0	99.6	95.5	83.8	50.8	12.9	80.1	2589
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	95.1	76.9	28.8	86.0	2540
TOTALS		100.0	100.0	100.0	99.9	98.5	93.5	78.6	54.0	24.4	80.9	20497

2

RELATIVE HUMIDITY

AUG
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.7	88.0	46.8	89.7	2491
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.9	92.6	58.3	91.9	2502
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	95.9	78.4	35.1	87.0	2490
	09-11	100.0	100.0	100.0	99.3	96.9	86.1	51.0	16.8	4.4	71.1	2504
	12-14	100.0	100.0	99.8	98.8	92.8	75.2	39.0	11.0	3.1	67.9	2488
	15-17	100.0	100.0	100.0	99.5	96.2	84.5	56.3	19.4	5.2	71.9	2503
	18-20	100.0	100.0	100.0	99.9	99.7	97.3	85.3	50.1	15.0	80.4	2493
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	96.4	77.7	32.7	86.6	2507
TOTALS		100.0	100.0	100.0	99.7	98.2	92.9	77.7	54.3	25.1	80.8	19976

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SOUTH CAROLINA
STATION

43-46,49-72
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.7	95.7	82.4	42.3	88.6	2421
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.7	88.9	52.0	90.7	2427
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	94.9	79.0	36.6	87.4	2503
	09-11	100.0	100.0	100.0	99.5	94.2	76.3	49.4	21.0	5.8	70.5	2503
	12-14	100.0	100.0	100.0	97.3	86.4	65.3	34.7	11.5	4.4	65.7	2497
	15-17	100.0	100.0	100.0	98.4	90.7	74.8	48.7	20.5	6.1	69.6	2507
	18-20	100.0	100.0	100.0	100.0	99.4	94.9	81.5	52.0	16.8	80.2	2493
	21-23	100.0	100.0	100.0	100.0	100.0	98.9	92.0	71.2	30.6	85.3	2475
TOTALS		100.0	100.0	100.0	99.4	96.3	88.9	74.3	53.3	24.3	79.8	19826

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

13717
STATION

MYRTLE BEACH AFB SOUTH CAROLINA
STATION NAME

43-46, 49-72
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.8	99.2	97.2	92.2	79.1	46.1	87.7	2512
	03-05	100.0	100.0	100.0	99.9	99.5	98.0	94.1	82.7	51.6	89.1	2514
	06-08	100.0	100.0	100.0	100.0	99.3	97.3	90.5	75.3	40.5	86.6	2566
	09-11	100.0	100.0	99.3	94.0	82.6	64.5	43.4	23.9	7.7	67.1	2531
	12-14	100.0	99.9	97.4	86.6	68.7	49.0	28.0	13.4	3.8	60.1	2582
	15-17	100.0	99.9	98.0	91.5	77.9	62.2	42.4	21.2	5.1	65.3	2503
	18-20	100.0	100.0	99.9	99.5	98.3	93.5	82.5	60.6	22.3	81.6	2573
	21-23	100.0	100.0	100.0	99.7	99.4	97.0	90.1	74.4	39.1	86.2	2554
TOTALS		100.0	100.0	99.3	96.4	90.6	82.3	70.4	53.8	27.0	78.0	20465

RELATIVE HUMIDITY

NEV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NIV	00-02	100.0	100.0	99.9	99.3	97.1	92.8	84.6	70.6	42.0	84.9	2479
	03-05	100.0	100.0	100.0	99.8	98.0	94.4	86.7	73.0	46.1	85.9	2470
	06-08	100.0	100.0	100.0	99.8	98.2	93.6	84.7	69.4	40.3	84.6	2517
	09-11	100.0	100.0	98.1	89.7	75.0	56.8	39.0	23.1	9.0	64.7	2552
	12-14	100.0	99.8	92.5	75.2	55.5	38.5	25.8	12.0	3.8	55.6	2548
	15-17	100.0	99.7	94.9	83.0	69.0	55.0	36.4	20.6	6.4	62.4	2545
	18-20	100.0	100.0	99.5	98.4	95.5	88.1	76.5	58.3	24.9	79.9	2532
	21-23	100.0	100.0	100.0	99.0	97.1	92.7	83.5	68.0	36.9	83.7	2540
TOTALS		100.0	99.9	98.1	93.0	85.7	76.5	64.7	49.4	26.2	75.2	20174

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SOUTH CAROLINA
STATION STATION NAME

42-46,49-72
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.3	95.4	86.1	74.4	60.1	34.5	81.1	2595
	03-05	100.0	100.0	100.0	99.3	96.7	89.0	77.5	62.9	37.6	82.3	2579
	06-08	100.0	100.0	99.9	99.1	96.7	89.4	77.8	63.4	35.6	82.1	2644
	09-11	100.0	100.0	98.6	92.0	78.0	62.5	46.3	32.2	16.3	68.4	2680
	12-14	100.0	99.3	93.3	76.8	58.7	43.7	31.1	19.5	9.1	58.7	2682
	15-17	100.0	99.3	94.7	82.8	68.8	55.3	40.8	26.2	12.4	63.7	2679
	18-20	100.0	99.9	99.6	97.1	92.0	83.0	69.0	52.2	27.2	77.9	2672
	21-23	100.0	100.0	99.8	98.6	94.3	86.4	74.1	59.5	34.7	80.8	2665
TOTALS		100.0	99.8	98.2	93.1	85.1	74.4	61.4	47.0	25.9	74.4	21196

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

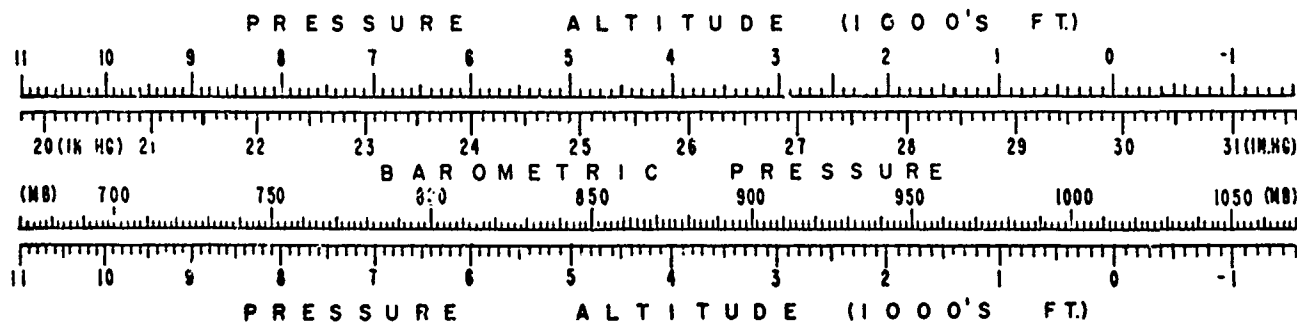
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 45-47,49-73

STATION		STATION NAME												YEARS	
HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	30.096	30.043	30.001	29.999	29.975	29.964	29.996	29.971	29.998	30.020	30.049	30.096	30.018	
	S.D.	.207	.223	.196	.191	.145	.122	.098	.105	.126	.164	.192	.200	.175	
	TOTAL OBS	798	729	798	771	796	732	739	730	718	747	708	743	9009	
04	MEAN	30.096	30.038	29.987	29.987	29.965	29.950	29.984	29.960	29.987	30.012	30.044	30.092	30.009	
	S.D.	.210	.223	.199	.193	.146	.121	.099	.107	.126	.166	.192	.202	.177	
	TOTAL OBS	738	671	739	711	736	675	692	709	687	718	688	710	8474	
07	MEAN	30.112	30.061	30.021	30.030	30.003	29.984	30.014	29.988	30.020	30.040	30.072	30.114	30.038	
	S.D.	.212	.230	.205	.193	.147	.121	.101	.109	.128	.174	.195	.205	.179	
	TOTAL OBS	798	727	799	771	794	755	766	732	742	768	732	768	9152	
10	MEAN	30.152	30.088	30.041	30.042	30.014	29.993	30.029	30.007	30.041	30.063	30.095	30.146	30.060	
	S.D.	.219	.235	.212	.199	.152	.122	.101	.111	.130	.170	.198	.207	.184	
	TOTAL OBS	739	670	738	710	735	698	725	712	714	739	715	741	8636	
13	MEAN	30.085	30.031	30.001	30.009	29.989	29.975	30.008	29.982	30.009	30.015	30.038	30.085	30.019	
	S.D.	.219	.239	.211	.198	.152	.123	.103	.109	.131	.175	.199	.207	.181	
	TOTAL OBS	803	728	799	771	793	753	763	730	741	767	734	771	9153	
16	MEAN	30.073	30.003	29.965	29.967	29.952	29.942	29.976	29.951	29.978	29.994	30.019	30.067	29.991	
	S.D.	.218	.238	.205	.199	.154	.123	.103	.108	.129	.170	.195	.205	.181	
	TOTAL OBS	739	669	734	711	734	697	723	711	717	736	714	739	8624	
19	MEAN	30.098	30.025	29.985	29.981	29.961	29.948	29.980	29.955	29.988	30.013	30.049	30.094	30.007	
	S.D.	.210	.230	.199	.191	.147	.122	.099	.105	.130	.165	.190	.201	.178	
	TOTAL OBS	799	723	799	767	792	759	765	731	742	763	730	764	9135	
22	MEAN	30.114	30.049	30.012	30.007	29.987	29.972	30.007	29.983	30.014	30.033	30.063	30.106	30.029	
	S.D.	.211	.225	.195	.189	.146	.118	.098	.104	.128	.163	.192	.199	.175	
	TOTAL OBS	736	665	737	708	736	694	698	711	716	736	713	736	8586	
ALL HOURS	MEAN	30.103	30.042	30.002	30.003	29.981	29.966	29.999	29.975	30.004	30.024	30.054	30.100	30.021	
	S.D.	.215	.232	.204	.195	.150	.123	.102	.109	.130	.169	.195	.204	.180	
	TOTAL OBS	6150	5582	6143	5920	6116	5763	5872	5766	5777	5974	5734	5972	70769	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

19717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47,49-72

STATION		STATION NAME												YEARS	
HRS. (LST)		JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1020.2	1018.7	1017.3	1017.0	1016.3	1015.8	1016.8	1016.1	1017.0	1017.6	1018.7	1020.2	1017.7	
	S.D.	6.961	7.441	6.648	6.428	4.952	4.109	3.305	3.562	4.304	5.585	6.375	6.898	5.912	
	TOTAL OBS	890	814	891	864	887	821	830	821	807	839	802	865	10131	
04	MEAN	1020.1	1018.3	1016.9	1016.7	1016.0	1015.4	1016.4	1015.6	1016.6	1017.2	1018.6	1020.1	1017.3	
	S.D.	6.990	7.534	6.722	6.457	4.930	4.124	3.325	3.607	4.345	5.695	6.383	6.964	5.978	
	TOTAL OBS	891	813	894	863	891	824	831	833	807	841	802	865	10155	
07	MEAN	1020.8	1019.3	1018.0	1018.1	1017.3	1016.5	1017.4	1016.6	1017.7	1018.3	1019.5	1020.9	1018.4	
	S.D.	7.125	7.673	6.978	6.523	5.003	4.153	3.358	3.678	4.365	5.885	6.480	7.032	6.041	
	TOTAL OBS	892	811	891	863	887	845	858	823	832	861	825	892	10260	
10	MEAN	1022.0	1020.0	1018.7	1018.6	1017.7	1016.9	1017.9	1017.2	1018.4	1018.9	1020.3	1022.0	1019.1	
	S.D.	7.312	7.901	7.158	6.658	5.123	4.156	3.387	3.720	4.466	6.125	6.629	7.057	6.220	
	TOTAL OBS	895	813	894	863	889	847	863	835	833	861	828	897	10318	
13	MEAN	1019.8	1018.2	1017.3	1017.3	1016.8	1016.1	1017.2	1016.4	1017.3	1017.4	1018.4	1019.8	1017.7	
	S.D.	7.369	7.997	7.123	6.721	5.179	4.221	3.454	3.707	4.441	5.907	6.657	7.081	6.127	
	TOTAL OBS	896	813	892	864	886	842	837	822	830	859	829	895	10285	
16	MEAN	1019.3	1017.1	1016.1	1016.0	1015.6	1015.1	1016.1	1015.3	1016.3	1016.6	1017.7	1019.3	1016.7	
	S.D.	7.220	7.930	6.958	6.712	5.174	4.214	3.439	3.641	4.475	5.797	6.548	7.020	6.099	
	TOTAL OBS	893	810	887	864	889	846	861	834	836	858	829	895	10302	
19	MEAN	1020.3	1018.0	1016.8	1016.4	1015.9	1015.3	1016.3	1015.5	1016.6	1017.4	1018.7	1020.2	1017.3	
	S.D.	7.030	7.701	6.743	6.491	4.983	4.139	3.336	3.554	4.406	5.583	6.350	6.917	6.008	
	TOTAL OBS	895	806	892	860	885	848	858	824	832	854	824	888	10264	
22	MEAN	1020.7	1018.7	1017.7	1017.3	1016.7	1016.2	1017.2	1016.4	1017.5	1018.0	1019.2	1020.6	1018.0	
	S.D.	7.392	7.556	6.639	6.342	4.902	4.018	3.274	3.496	4.300	5.580	6.417	6.883	5.902	
	TOTAL OBS	890	807	892	861	891	843	839	835	835	859	829	891	10272	
ALL HOURS	MEAN	1020.4	1018.5	1017.4	1017.2	1016.5	1015.9	1016.9	1016.2	1017.2	1017.7	1018.9	1020.4	1017.8	
	S.D.	7.163	7.756	6.911	6.588	5.074	4.182	3.416	3.669	4.428	5.808	6.519	7.019	6.075	
	TOTAL OBS	7140	6487	7133	6902	7105	6716	6797	6627	6612	6832	6568	7088	82007	